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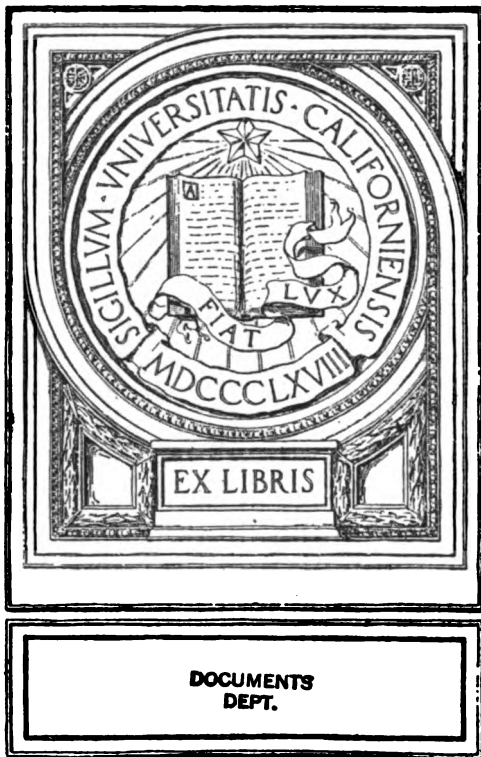
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VOLUME I

Ohio General Statistics

FOR THE

Univ. of
California

Period Commencing November 16, 1914
and Ending June 30, 1915

Prepared and Published

BY

C. Q. HILDEBRANT

Secretary of State

Under official act of the Ohio legislature passed
May 27, 1915, and approved June 3, 1915.



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PREFACE

The Eighty-first General Assembly of the State of Ohio on the 27th day of May, 1915, passed an act providing for the filing of official reports with the expiration of the state fiscal year, and for the publication of uniform statistical reports of the state.

The sections of said act fixing the beginning and ending of the state fiscal year, providing for the making and filing of reports by state officers, boards and commissions for the said fiscal year, and the preparation and publication from the said reports of the "Ohio General Statistics" by the Secretary of State, are as follows:

"Sec. 260-1. For all state officers, departments, commissions, boards and institutions of the state the fiscal year shall be and is hereby fixed to begin on the first day of July in each year and to end on the last day of June of the succeeding year.

"Sec. 2264-1. Each elective state officer, * * * and every private or quasi-public institution, association, board or corporation receiving state money for its use and purpose, shall make annually, at the end of each fiscal year, in triplicate a report of the transactions and proceedings of his office or department for such fiscal year excepting however receipts and disbursements unless otherwise specifically required by law. Such report shall contain a summary of the official acts of such officer, board or commission, institution, association or corporation, and such suggestions and recommendations as may be proper. On the first day of August of each year, one of said reports shall be filed with the Governor of the state, one with the Secretary of State, and one shall be kept on file in the office of such officer, board, commission, institution, association or corporation.

"Section 2264-2. Wherever in the statutes of this state annual reports are required to be made to the Governor, or annual reports to the Governor are referred to, the words 'to the Governor' shall be held to mean annual reports in triplicate as provided in Section 2264-1 and the special information required by any such statutes to be included in such annual report to the Governor shall be included in such triplicate reports.

"Sec. 173. The Secretary of State shall prepare from the reports filed with him or with the Governor of the state, accurate statistical tables and practical and analytical information regarding the activities and proceedings of the several offices and departments of the state to be known as 'Ohio General Statistics.'

"Sec. 173-1. The Secretary of State shall annually publish the 'Ohio General Statistics,' the number of copies thereof to be determined

by the commissioners of public printing. The first issue of 'The Ohio General Statistics' shall be for the period from November 15, 1914, to and including June 30, 1915.

"Section 2. All officers, boards, commissions, institutions, associations, or corporations that were heretofore by law required to make an annual or semi-annual report to the governor of the state, shall on the first day of July, 1915, or as soon thereafter as practicable, make partial reports for the period covered between the date of the making of the last preceding annual or semi-annual report to the Governor and June 30, 1915, in triplicate, to be filed in the manner prescribed by Section 2264-1 of the General Code. This section shall cease to have any effect or operation on and after January 1, 1916."

Section 2 of said act provides for a short period report of the "Ohio General Statistics" to be prepared and published by the Secretary of State from the partial reports made and filed by the various state officers, boards and commissions and covering the period between the date of making the last report and June 30, 1915. It has been a difficult matter for these various officers to compile the statistical data required by said act, particularly for the short period report, in such manner as to show the substantial value of such department or institution in its relation to the people of Ohio. In some instances the report covers but a few weeks, and in others a few months, as will be seen by comparison, caused by the change in the state fiscal year. This required much extra statistical work by the various departments and institutions and of course caused delay in filing and publication. A great difficulty has been encountered in making these partial reports and will be met with, at least in some measure, in the making of the full fiscal period reports which will follow annually, and such as will render them less valuable. The General Code of Ohio requires the officers of the various political subdivisions of the state to make annual statistical reports to the officers of the various departments and institutions. These sections of the General Code prescribe the time when such reports shall be made and the beginning and the ending of the period covered. The ending of the periods are not uniform, but occur with the ending of each month or half month throughout the calendar year. Owing to the wide difference of the ending of the statistical periods as now fixed by the law, the "Ohio General Statistics" will of necessity contain statistical matters that should have been published, made available and valuable to the people of Ohio many months before, and we believe such changes should be made in the General Code as will make the ending of statistical periods uniform and that they conform to the ending of the state fiscal year.

The economic value of the "Ohio General Statistics" as contemplated by the General Assembly, is apparent. The publication in large quantities of separate state reports by the various departments, boards and commissions of the state has been stopped by the enactment of this law, and a summary only of the official acts of such officers, boards and com-

missions, associations and corporations and such suggestions and recommendations as may be proper, are to be incorporated in this one report, effecting a saving annually of many thousands of dollars.

With such changes made in the laws relative to the ending of the fiscal periods as suggested, the officers of the various departments, boards and commissions of the state will be enabled to collate statistical data covering a uniform period. The "Ohio General Statistics" can then be published immediately following the statistical events as they have occurred, and distribution made when the same are most valuable to the people of Ohio, and at the same time preserve to future generations a condensed though complete and accurate statistical history of our state.

C. Q. HILDEBRANT,

Secretary of State.

STATE DEPARTMENTS

Secretary of State.
Auditor of State.
Treasurer of State.
Attorney General.
Industrial Commission of Ohio.
Board of Agriculture of Ohio.
Agricultural Experiment Station.
State Highway.
Public Utilities Commission of Ohio.
Superintendent of Public Instruction.
State Board of School Examiners.
Banks and Banking.
State Insurance.
Superintendent of Public Works.
State Liquor Licensing Commission.
State Oil Inspection.
State Fire Marshal.
State Civil Service Commission.
State Board of Health.
Ohio Board of State Charities.
State Library.
State Medical Board.
State Board of Pharmacy.
State Dental Board.
State Board of Embalming Examiners.
Ohio State Archæological and Historical Society.
Geological Survey of Ohio.
Adjutant General of Ohio.
Ohio State Armory Board.
State Board of Pardons.
Commissioner of Soldiers' Claims.
State Board of Accountancy.
Fort Amanda Memorial Commission.
Supervisor of Public Printing.
Ohio Commission for the Blind.
Ohio Board of Administration.

THE DEPARTMENT OF STATE

REPORT OF THE SECRETARY OF STATE

The Department of State for the period commencing November 16, 1914, and ending June 30, 1915, has filed and recorded 2,021 articles of incorporation of domestic corporations, and 2,811 miscellaneous certificates relating to domestic corporations.

In classification and number they are as follows:

ARTICLES OF INCORPORATION.

Banks—Commercial and Savings and Trust Companies.....	15
Building and Loan Associations.....	9
Cemetery Associations	13
Churches and Church Societies	61
Colleges, Libraries and Literary Societies	11
Electric Light and Power Companies.....	16
Gas and Oil Companies	97
Insurance Companies and Associations	4
Manufacturing Companies	479
Mining Companies	35
Printing and Publishing Companies	33
Railroad Companies (steam)	3
Railroad Companies, Consolidated	1
Street and Interurban Railway Companies	4
Societies—Benevolent, Social and Mutual	411
Telephone and Telegraph Companies	6
Real Estate Companies	149
Companies—Various Purposes	674
Total	2021

MISCELLANEOUS CERTIFICATES.

Increase of Capital Stock	320
Reductions of Capital Stock	136
Certificates of Subscription	1350
Railway Equipment Contracts	34
Municipal Corporations	12
Amendments, Etc.	266
Certificates of Change of Name	129
Certificates of Change of Location.....	18
Dissolution of Domestic Corporations	420
Other Miscellaneous Certificates	126
Total	2811

During the period ending June 30, 1915, state surety bonds have been filed and recorded as follows:

State Officers and Appointees	218
Notaries Public Bonds (Act passed April 14, 1913)	3368
Total	3586

DOMESTIC CORPORATIONS—CAPITAL STOCK.

The authorized capital stock of domestic corporations incorporated during the period ending June 30, 1915, was as follows:

Banks—Commercial and Savings and Trust Companies	\$630,000
Building and Loan Associations	2,130,000
Colleges, Schools and Literary Societies	10,000
Electric Light and Power Companies	398,750
Gas and Oil Companies	2,595,300
Insurance Companies	50,000
Manufacturing Companies	23,274,700
Mining Companies	2,154,000
Printing and Publishing Companies	1,064,500
Railroad Companies (steam)	30,000
Railroad Companies, Consolidated	300,000
Street and Interurban Railway Companies	40,000
Real Estate Companies	5,226,100
Telephone and Telegraph Companies	27,600
Miscellaneous Companies (not included above)	35,890,305
Total	\$73,821,255

DOMESTIC CORPORATIONS—INCREASE OF CAPITAL STOCK.

The authorized increase of capital stock of domestic corporations during the period ending June 30, 1915, was as follows:

Banks—Commercial and Savings and Trust Companies	\$264,000
Building and Loan Associations	14,475,000
Electric Light and Power Companies	1,170,000
Gas and Oil Companies	209,000
Manufacturing Companies	37,895,000
Mining Companies	789,000
Printing and Publishing Companies	155,000
Railroad Companies	101,000,000
Electric and Interurban Railway Companies	500,000
Telephone and Telegraph Companies	254,000
Miscellaneous Companies (not included above)	18,243,100
Total	\$174,954,100

DOMESTIC CORPORATIONS—REDUCTION OF CAPITAL STOCK.

The authorized reduction of capital stock of domestic corporations during the period ending June 30, 1915, was as follows:

Electric Light and Power Companies	\$198,000
Gas and Oil Companies	181,000
Manufacturing Companies	8,003,715
Mining Companies	5,294,500
Printing and Publishing Companies	10,000
Street and Interurban Railway Companies	90,000
Miscellaneous Companies (not included above)	11,932,880
Total	\$25,710,095

FOREIGN CORPORATIONS.

The Department of State, during the period ending June 30, 1915, has filed the statements of, and has issued the certificates to do business in the state to 117 foreign corporations, and has filed 70 miscellaneous certificates relating to foreign corporations. In detail they are as follows.

Statements under Section 178, General Code.....	117
Statements under Section 183, General Code.....	111
Statements under Section 185, General Code.....	8
Amendments of Articles of Incorporation.....	4
Certificates of Appointment of Agents upon whom process may be served...	18
Reduction of Capital Stock.....	2
Certificates of Retirement from Business in Ohio.....	38
Total	298

THE RECEIPTS OF THE DEPARTMENT.

The receipts of the Department of State from November 16, 1914, to June 30, 1915, amounted to the sum of \$1,443,889.93, and were derived from corporation initial fees, automobile license fees and various miscellaneous sources.

The receipts are shown more in detail by the following:

	Domestic Corporations.	Foreign Corporations.	Official Commissions.	Transcripts.	Miscellaneous.	Automobile Department—Automobile Licenses, etc.	Department of Vital Statistics—Certified Copies of Births and Deaths.	Sale of General Code of Ohio and Appendix.	Total.
Nov. 16, 1914, to Feb. 15, 1915..	\$357,567 85	\$2,188 04	\$3,450 00	\$413 40	\$4,692 70	\$380,428 10	\$46 00	\$146 20	\$748,932 29
Feb. 16, 1915, to May 15, 1915..	146,664 10	2,857 02	417 00	525 05	5,673 67	403,508 75	64 50	136 10	559,846 19
May 16, 1915, to June 30, 1915.	37,203 00	4,354 52	293 00	281 80	636 25	92,278 88	28 00	36 00	135,111 45
Totals.....	\$541,434 95	\$9,399 58	\$4,160 00	\$1,220 25	\$11,002 62	\$876,215 73	\$138 50	\$318 30	\$1,443,889 93

EXPENSES OF THE DEPARTMENT.

The expenses of the Department of State for the period ending June 30, 1915, were as follows:

MAIN OFFICE.

Personal Service	\$19,142 00
Stationery (various departments)	4,122 46
Maintenance	3,055 80
Total	<u>\$26,320 26</u>

BUREAU OF VITAL STATISTICS.

Personal Service.....	\$12,784 95
Maintenance	5,222 68
Total	<u>\$18,007 63</u>

AUTOMOBILE DEPARTMENT.

Personal Service	\$19,918 18
Maintenance	52,641 47
Total	<u>\$72,559 65</u>

STATISTICAL REPORT.

The statistics following are reported upon blanks prepared and furnished by the Department of State, by the county officers of the various counties, as required by law. These returns, with few exceptions, are complete in detail, carefully compiled by these officers from the official records of the county and then arranged and tabulated in a comprehensive manner in this department. Coming as they do from officers charged with a duty imposed by law, and in many instances the officer compiling the same being allowed a liberal compensation for the labor performed, this department believes them to be accurate and entitled to full credit. Only the summaries of these returns as arranged and tabulated, are given. The statistics in detail will be found in the Annual Report of the Secretary of State for the year 1915.

CONVEYANCE STATISTICS.

(For year ending June 30, 1915.)

The conveyance statistics are compiled and reported by the county recorders of the several counties of the state and include deeds, leases and mortgages.

DEEDS.

Deeds numbering 23,658 were recorded in the several counties of the state during the year, conveying 1,214,326 acres of agricultural land, outside of the corporate limits of municipalities, with a total consideration of \$81,431,383, and an average price of \$65.00 per acre.

Deeds numbering 734 were recorded, conveying 4,736 acres of land within the corporate limits of municipalities, with a total consideration of \$1,335,694.

Deeds numbering 39,742 were recorded, conveying city and village lots, with a total consideration of \$59,648,182.

Deeds numbering 1,211 were recorded, conveying mineral, oil or other lands, with a total consideration of \$20,881,546.

Deeds with a consideration of \$1.00 each were recorded, numbering 98,654, conveying 455,484 acres.

The total number of deeds recorded during the year was 163,999, conveying 1,700,998 acres, with a total consideration of \$145,394,461.

LEASES.

Leases of agricultural lands outside of municipal corporate limits were recorded during the year, numbering 1,791, with the total consideration of \$3,612,605; on lands within the corporate limits, 12, with the total consideration of \$16,769; on city and village lots, 1,113, with total consideration of \$11,134,292; on mineral, oil and other lands, 4,835, with a total consideration of \$176,842.

Total number of leases recorded, 8,412, conveying 399,271 acres, with a total amount of consideration of \$14,940,508.

MORTGAGES.

(Other than railroad.)

Mortgages on agricultural lands were recorded, numbering 26,005, with a total amount secured of \$101,020,550; on lands within the corporate limits of municipalities, 799, with a total amount secured of \$1,051,908; on city and village lots, 77,703, with total amount secured of \$161,866,133; on mineral, oil and other lands, 75, with total amount secured of \$302,940,613.

Total number of mortgages recorded, 105,258, conveying 1,366,438 acres, securing the total sum of \$566,879,204.

CANCELLATION OF MORTGAGES.

(Other than railroad.)

Mortgages on agricultural lands were cancelled during the year, numbering 19,570, securing \$36,901,578; on lands within corporate limits

of municipalities, 342, securing \$532,802; on city and village lots, 60, 161, securing \$95,787,588; on mineral, oil and other lands, 392, securing \$17,929,174.

Total number of mortgages cancelled, 80,465, conveying 1,016,945 acres, securing the total sum of \$151,141,142.

SOCIAL STATISTICS.

(For the year ending March 31, 1915.)

The social statistics are compiled and reported by the probate judges of the several counties of the state.

For details of these statistics reference is made to the Annual Report of the Secretary of State.

MARRIAGES.

Marriage licenses were issued to white persons during the year, numbering 42,746; to colored persons, 1,184. Marriage contracts were entered into during the year by the publication of bans, numbering, 3,071.

Total number of marriages for the year, white and colored, by license and by bans, 47,001.

LETTERS OF GUARDIANSHIP.

Letters of guardianship, numbering 3,764, were issued during the year, including 4,862 children, 51 drunkards, 462 insane and 538 idiots and imbeciles.

LETTERS OF ADMINISTRATION.

Wills probated during the year numbered 7,338, letters testamentary issued, 5,443, letters of administration issued, 8,612 and estates administered upon 11,970.

STATE HOSPITALS.

Persons sent to the various hospitals of the state for insane and for epileptics from the several counties, during the year, were as follows: White 3,251, colored 109; total 3,360.

BOYS' INDUSTRIAL SCHOOL.

From the several counties of the state 460 boys were sent to the Industrial School at Lancaster.

GIRLS' INDUSTRIAL HOME.

From the several counties 264 girls were sent to the Industrial Home at Delaware.

JAIL STATISTICS.

(For year ending June 30, 1915.)

Reports made to this department from the sheriffs of the several counties of the state show that 14,377 born in Ohio and 6,244 born in other states, totalling 20,621 native born, and to this is added 11,728 persons of foreign birth, making a grand total of 26,105 persons incarcerated in the jails of the state for the year. Of these 22,624 were white and 3,481 were colored; 23,781 were males and 2,324 were females, with a per capita cost of 68 cents and total cost of \$210,488 for keeping.

The sanitary conditions of the jails are reported as being good.

PAUPERISM STATISTICS.

These statistics are reported by county auditors, taken from the records of the commissioners and are as follows:

Total number of paupers supported for the year, 12,256, of which number 8,897 were supported in the county infirmaries of the state and the remaining 3,359 were supported outside of said institutions. Of those supported in the institutions 6,464 were males and 2,433 females; 8,585 were white and 312 colored; 1,009 of the total number received a higher education.

The cost to the counties for keeping paupers for the year was \$969,515. For those in the institutions the cost was \$823,707. For those supported outside of institutions, \$145,808.

RELIEF FURNISHED INDIGENT SOLDIERS.

The county auditors report \$89,323 allowed and paid to indigent soldiers, sailors and marines; \$307,133 allowed and paid to their widows and wives; \$4,355 allowed and paid to their minor children. Total amount allowed for said purpose, \$400,813.

JUDICIAL STATISTICS.

(For the year ending June 30, 1915.)

These statistics are reported by clerks of courts of common pleas of the various counties of the state and by probate judges in counties where by law jurisdiction in divorce and crimes and offenses is conferred upon probate courts.

DIVORCE STATISTICS.

The statistics relative to divorce, as reported by clerks of courts and probate judges, are as follows:

A total of 1,196 suits were pending and brought for the year, alleging *adultery* as the statutory ground for divorce; 623 were brought by the husband and 573 were brought by the wife; 298 were granted to the husband and 224 to the wife; 93 were refused to the husband and 86 to the wife.

A total of 8,470 suits were pending and brought for the year, alleging *absence* and *neglect* as the statutory ground; 2,878 were brought by the husband and 5,592 were brought by the wife; 1,091 were granted to the husband and 2,816 to the wife; 503 were refused to the husband and 763 to the wife.

A total of 4,513 suits were pending and brought, alleging *cruelty* as the statutory ground; 881 were brought by the husband and 3,632 by the wife; 221 were granted to the husband and 1,241 to the wife; 221 were refused to the husband and 770 to the wife.

A total of 101 suits were pending and brought, alleging *fraud* as the statutory ground; 53 brought by the husband, and 48 by the wife; 24 were granted to the husband and 26 to the wife; 10 were refused to the husband and four to the wife.

A total of 949 suits were pending and brought, alleging *drunkenness* as the statutory ground; 71 were brought by the husband and 878 by the wife; 16 were granted to the husband and 365 to the wife; 15 were refused to the husband and 157 to the wife.

A total of 749 suits were pending and brought, alleging *miscellaneous* causes as the ground; 152 were brought by the husband and 597 by the wife; 38 were granted to the husband and 177 to the wife; 26 were refused to the husband and 62 to the wife.

The total number of suits pending and brought for all causes for the year was 15,991, of which number 6,507 were granted, 2,735 were refused and 6,749 are still pending.

PROSECUTIONS FOR CRIMES AGAINST THE PERSON.

For crimes against the person the grand juries of the state returned 3,655 indictments, including 4,059 persons, and of which number 1,606 were convicted and sentenced. In this report details of various crimes of this character cannot be given, hence only the summaries of convictions are included. Convictions for murder in first degree 37, murder in second degree 60, manslaughter 24, assault with intent to kill 368, assault with intent to commit robbery 60, assault and battery 279, blackmail 1, pointing firearms 13, rape 110, robbery 370, libel 7, all other crimes against the person, 280.

PROSECUTIONS FOR CRIMES AGAINST PROPERTY.

For crimes against property there was returned a total of 4,652 in-

dictments, including 5,466 persons, and of which number 2,348 were convicted and sentenced. Convicted for arson 33, burglary 1,003, embezzlement 45, forgery 183, forging brand, stamp, etc., 4; grand larceny 425, petit larceny 196, horse stealing 63, making fraudulent transfers 1, malicious destruction of property 45, obtaining property by false pretense 54, receiving stolen property 66, obstructing railroad tracks 3, all other crimes against property 227.

PROSECUTIONS FOR OFFENSES AGAINST PUBLIC PEACE, ETC.

For offenses against public peace, public health, public justice, public policy, public chastity and morality and all other offenses of whatsoever nature, 4,772 indictments were returned, including 4,238 persons, of which number 1,396 were convicted and sentenced. Convicted for offenses against public peace 672, public health 13, public justice 54, public policy 261, public chastity and morality 128, all other offenses 78.

FINES, COSTS AND FORFEITED RECOGNIZANCES IN COMMON PLEAS COURTS.

Fines assessed in common pleas courts for the year were \$87,743. Amount collected, \$26,973. Amount probably collectible, \$3,977.

Costs taxed in common pleas courts for the year were \$174,447. Amount taxed against defendants, \$133,237. Amount collected from defendants, \$49,908.

Forfeited recognizances for the year were \$36,400, \$4,367 were collected, \$6,000 probably collectible.

GRAND AND PETIT JURY FEES.

The total amount of fees paid grand jurors in the state for the year was \$47,766.

Amount paid petit jurors in civil cases \$224,273, in criminal cases \$53,053. Total amount of fees paid all jurors for the year, \$320,357.

ATTORNEY FEES IN CRIMINAL CASES PAID BY COUNTY.

For services rendered in criminal cases in the several counties of the state, attorneys were allowed and paid the sum of \$56,933 in 825 cases.

CIVIL JUDGMENTS.

A total of 24,649 civil judgments were rendered for money only, 7,515 in which money was included. Total amount adjudged due, \$12,297,151. Average amount of each judgment for money only and in which money is included, \$800. Total number of final decrees rendered, 20,823.

NATURALIZATION.

The number and nativity of persons naturalized in this state during the year was as follows: Austria, 1,350; British America and Canada, 40; Denmark, 11; England, 223; France, 4; Germany, 265; Holland and Belgium, 18; Ireland, 63; Italy, 210; Russia, 457; Scotland, 40; Sweden and Norway, 57; Switzerland, 29; Turkey, 30; Wales, 18; other countries, 87. Total number of all persons naturalized, 2,902.

CONVICTIONS FOR LOWER GRADE OF CRIME THAN CHARGED IN INDICTMENT.

In the trial of persons in the courts of common pleas of the state upon indictments returned by grand juries charging crimes and offenses, 668 persons were convicted of a lower grade of crime or offense than charged in the indictments so returned.

INQUESTS BY CORONERS AND JUSTICES OF THE PEACE.

The number of inquests in the state for the year, held by coroners and justices of the peace was 3,592, native born, 2,754; foreign born, 658; nativity unknown, 180. Further classification as follows: Homicide, 163; suicides, 467; accident, 1,293; cause of death unknown or natural, 1,669; white, 3,421; colored, 171; males, 2,769; females, 823.

CASES BEFORE COMMON PLEAS COURTS.

The common pleas courts of the state had a total number of 79,377 cases, pending and brought within the year, before them. Of this number 41,904 cases were finally disposed of by these courts, 1,836 were taken to the courts of appeals and 35,637 are still pending in said courts.

CASES BEFORE COURTS OF APPEALS.

The courts of appeals of the state had a total number of 3,323 cases, pending and brought within the year, before them. Of this number 1,987 were finally disposed of, 111 were taken to the supreme court and 1,225 cases are still pending in said courts.

ELECTION STATISTICS.

The 88 counties of the state, comprising 1,373 townships, 80 cities and 728 villages, are divided into 5,570 voting precincts by the deputy state supervisors and deputy state supervisors and inspectors of elections. The General Code of Ohio provides for the election of all state, district

and county officers, at elections held in the even-numbered years, and all township and municipal officers in the odd-numbered years. During the period covered by this report no elections were held, but a table showing the votes cast by counties, for all candidates for governor in the year 1914, the total number of votes cast for governor and the total number of votes cast in the state is valuable and is included herein.

VOTES CAST FOR CANDIDATES FOR GOVERNOR OF OHIO, TOTAL VOTE CAST FOR GOVERNOR AND TOTAL VOTE CAST IN THE STATE AT THE ELECTION HELD NOVEMBER 3, 1914, BY COUNTIES, WITH PLURALITIES OF CANDIDATES.

Counties.	Names of Candidates.				Total Vote Cast for Governor.	Pluralities.			Total Vote Cast in State.
	Dem.	Rep.	Prog.	Soc.		Dem.	Rep.	Prog.	
	James M. Cox.	Frank B. Willis.	James R. Garfield.	Scott Wilkins.		James M. Cox.	Frank B. Willis.	James R. Garfield.	
Adams	1,807	2,803	147	81	4,838	.....	996	.....	4,945
Allen	6,370	6,609	497	590	14,066	.....	239	.....	14,471
Ashland	3,245	2,814	278	124	6,461	431	.....	.....	6,695
Ashtabula	3,618	6,295	1,760	907	12,578	.....	2,679	.....	13,038
Athens	4,037	5,659	544	593	10,833	.....	1,622	.....	10,883
Auglaize	3,114	3,234	340	470	7,158	.....	120	.....	7,382
Belmont	7,598	7,976	489	921	16,984	.....	378	.....	17,509
Brown	3,065	2,535	152	77	5,829	530	.....	.....	6,157
Butler	8,707	6,023	420	2,664	17,814	2,684	.....	.....	18,177
Carroll	1,239	2,270	253	68	3,830	.....	1,031	.....	4,056
Champaign	2,877	3,780	328	71	7,056	.....	903	.....	7,086
Clark	7,462	8,504	818	932	17,616	.....	1,042	.....	19,446
Clermont	3,689	3,700	136	174	7,699	.....	11	.....	7,906
Clinton	2,010	3,657	320	105	6,092	.....	1,647	.....	6,233
Columbiana	6,663	8,691	798	1,031	17,183	.....	2,028	.....	18,377
Coshocton	2,736	4,121	252	531	7,640	.....	1,385	.....	7,916
Crawford	4,872	3,428	385	271	8,956	1,444	.....	.....	9,240
Cuyahoga	61,903	43,335	9,031	5,822	120,091	18,568	.....	.....	123,291
Darke	4,033	5,741	481	167	10,422	.....	1,708	.....	10,902
Defiance	2,977	2,415	616	123	6,131	562	.....	.....	6,351
Delaware	2,842	4,077	510	47	7,476	.....	1,235	.....	7,574
Erie	4,443	4,392	313	462	9,610	51	.....	.....	10,000
Fairfield	4,390	4,257	601	213	9,461	133	.....	.....	9,691
Fayette	2,244	2,973	236	76	5,529	.....	729	.....	5,709
Franklin	27,215	23,566	3,673	2,571	57,025	3,649	.....	.....	58,137
Fulton	1,327	3,170	417	87	5,501	.....	1,343	.....	5,720
Gallia	1,762	2,271	1,216	101	5,350	.....	509	.....	5,394
Geauga	976	1,540	690	53	3,259	.....	564	.....	3,431
Greene	2,269	4,678	234	331	7,512	.....	2,409	.....	7,847
Guernsey	3,899	4,608	473	771	9,751	.....	709	.....	9,988
Hamilton	53,666	55,586	1,830	4,353	115,435	.....	1,920	.....	117,423
Hancock	4,238	4,978	414	278	9,908	.....	740	.....	10,147
Hardin	3,706	4,812	79	98	8,695	.....	1,106	.....	8,756
Harrison	1,511	2,775	287	81	4,654	.....	1,264	.....	4,845
Henry	2,777	2,808	277	95	5,957	.....	31	.....	6,205
Highland	3,134	3,996	354	89	7,573	.....	862	.....	7,725
Hocking	2,318	2,762	215	199	5,494	.....	444	.....	5,679
Holmes	2,142	1,440	120	58	3,760	702	.....	.....	3,932
Huron	3,287	4,977	367	189	8,820	.....	1,690	.....	8,988
Jackson	2,221	3,076	730	279	6,306	.....	855	.....	6,478
Jefferson	4,920	6,688	482	491	12,581	.....	1,768	.....	13,282
Knox	3,698	4,146	267	123	8,234	.....	448	.....	8,444
Lake	1,649	2,397	849	169	5,064	.....	748	.....	5,339
Lawrence	2,287	4,337	310	211	7,145	.....	2,050	.....	7,515
Licking	6,623	6,733	716	438	14,510	.....	110	.....	14,802
Logan	2,453	4,672	617	71	7,813	.....	2,219	.....	8,061

VOTES CAST FOR CANDIDATES FOR GOVERNOR, ETC.—Concluded.

Counties.	Names of Candidates.				Total Vote Cast for Governor.	Pluralities.			Total Vote Cast in State.
	Dem.	Rep.	Prog.	Soc.		Dem.	Rep.	Prog.	
	James M. Cox.	Frank B. Willis.	James R. Garfield.	Scott Wilkins.		James M. Cox.	Frank B. Willis.	James R. Garfield.	
Lorain	5,411	6,326	2,106	538	14,381	.....	915	.....	14,914
Lucas	23,264	15,358	5,045	3,131	47,398	7,906	.....	.....	48,787
Madison	2,412	2,907	185	22	5,506	.....	495	.....	5,821
Mahoning	10,831	12,285	781	1,012	24,909	.....	1,454	.....	25,558
Marion	4,060	4,925	272	344	9,601	.....	865	.....	9,765
Medina	2,092	2,109	1,498	200	5,899	.....	17	.....	6,139
Meigs	2,156	3,171	349	328	6,004	.....	1,015	.....	6,422
Mercer	3,415	3,355	267	87	6,124	1,060	.....	.....	6,593
Miami	4,409	6,559	473	427	11,968	.....	2,250	.....	12,230
Monroe	2,480	2,146	100	64	4,790	.....	334	.....	5,068
Montgomery	20,541	17,284	1,183	4,445	43,453	3,257	.....	.....	44,068
Morgan	1,527	2,349	194	92	4,162	.....	822	.....	4,259
Morrow	1,727	2,430	418	51	4,626	.....	703	.....	4,719
Muskingum	5,396	7,984	837	532	14,749	.....	2,588	.....	15,067
Noble	1,789	2,483	225	32	4,529	.....	694	.....	4,528
Ottawa	3,141	1,862	205	54	5,262	1,279	.....	.....	4,443
Paulding	2,124	2,534	391	83	5,132	.....	410	.....	5,477
Perry	3,283	4,375	390	576	8,624	.....	1,092	.....	8,767
Pickaway	2,991	3,263	220	55	6,529	.....	272	.....	6,702
Pike	1,746	1,626	82	41	3,495	120	.....	.....	3,578
Portage	3,010	4,005	363	376	7,754	.....	995	.....	8,082
Preble	2,885	2,971	405	108	6,369	.....	86	.....	6,488
Putnam	3,684	2,834	318	68	6,904	850	.....	.....	7,161
Richland	5,372	5,805	308	411	11,894	.....	433	.....	12,170
Ross	4,320	4,869	292	292	9,763	.....	549	.....	9,952
Sandusky	4,316	4,074	446	238	9,074	242	.....	.....	9,412
Scioto	4,680	5,774	292	703	11,449	.....	1,094	.....	11,977
Seneca	5,276	4,942	400	337	10,955	394	.....	.....	11,268
Shelby	5,573	3,405	157	145	6,280	.....	832	.....	6,502
Stark	10,798	15,124	1,154	2,282	29,358	.....	4,326	.....	30,097
Summit	10,510	12,441	1,848	2,821	27,618	.....	1,931	.....	28,490
Trumbull	3,916	6,876	688	1,093	12,573	.....	2,060	.....	13,240
Tuscarawas	5,090	6,919	374	1,404	13,787	.....	1,829	.....	14,142
Union	2,153	3,484	371	64	6,072	.....	1,331	.....	6,181
Van Wert	3,415	3,779	188	146	7,528	.....	364	.....	7,644
Vinton	1,131	1,604	112	77	2,924	.....	473	.....	2,987
Warren	2,511	3,637	284	131	6,563	.....	1,126	.....	6,766
Washington	4,124	4,691	846	478	10,139	.....	567	.....	10,430
Wayne	4,571	4,637	449	168	9,825	.....	66	.....	9,825
Williams	2,854	3,368	430	136	6,788	.....	514	.....	6,937
Wood	4,420	5,586	928	251	11,185	.....	1,166	.....	11,482
Wyandot	2,883	2,513	132	42	5,570	370	.....	.....	5,510
Totals	493,804	523,074	60,904	51,441	1,129,223	44,506	73,776	.....	1,161,970
Plurality ..		29,270							

APPORTIONMENT OF SENATORS AND REPRESENTATIVES FOR 1911-1921.

SENATORS.

Population of State, 4,767,121. Senatorial ratio, 136,208; three-fourths ratio, 102,153; one and three-fourths ratio, 238,356; two ratios, 272,406; three ratios, 408,609; four ratios, 544,812.

No. of District	COUNTIES	Population	Total Population Senatorial District	Fraction Over Ratio	Five Times Fraction Over Ratio	Regular Senators	Added by Fraction	80th	81st	82nd	83rd	84th
1	Hamilton.....	460,732	460,732	52,123	260,615	3	1	3	3	3	3	4
2	Butler.....	70,271	149,151	12,048	64,940	1		1	1	1	1	1
	Warren.....	24,497										
	Total 2d.....	94,768										
4	Clermont.....	29,551	149,151	12,048	64,940	1		1	1	1	1	1
	Brown.....	24,832										
	Total 4th.....	54,383										
3	Montgomery.....	163,763	187,597	51,394	256,970	1	1	1	1	1	1	2
	Preble.....	23,834										
	Total 3d.....	187,597										
5	Fayette.....	21,744	143,937	7,734	38,670	1		1	1	1	1	1
	Greene.....	29,733										
	Clinton.....	23,680										
	Total 5th.....	75,157										
6	Highland.....	28,711	143,937	7,734	38,670	1		1	1	1	1	1
	Ross.....	40,069										
	Total 6th.....	68,780										
7	Adams.....	24,755	119,732			1		1	1	1	1	1
	Pike.....	15,723										
	Scioto.....	48,463										
	Jackson.....	30,791										
	Total 7th.....	119,732										
8	Lawrence.....	39,488	103,923			1		1	1	1	1	1
	Gallia.....	25,745										
	Meigs.....	25,504										
	Vinton.....	13,096										
	Total 8th.....	103,923										
9	Athens.....	47,798	110,649									
	Hocking.....	23,650										
	Fairfield.....	39,201										
	Total 9th.....	110,649										
14	Washington.....	45,422	178,668	42,465	212,325	1	1	1	1	1	1	2
	Morgan.....	16,097										
	Noble, part of.....	6,000										
	Monroe, part of.....	500										
	Total 14th.....	68,019										
10	Franklin.....	221,567	247,725			2		2	2	2	2	2
	Pickaway.....	26,158										
	Total 10th.....	247,725										
11	Clark.....	66,435	112,688			1		1	1	1	1	1
	Champaign.....	26,351										
	Madison.....	19,902										
	Total 11th.....	112,688										

APPORTIONMENT OF SENATORS—Continued.

No. of District	COUNTIES	Population	Total Population Senatorial District	Fraction Over Ratio	Five Times Fraction Over Ratio	Regular Senators	Added by Fraction	80th	81st	82nd	83rd	84th
12	Miami.....	45,047	112,643			1		1	1	1	1	1
	Darke.....	42,933										
	Shelby.....	24,663										
	Total 12th.....	112,643										
13	Logan.....	30,084	116,333									
	Union.....	21,871										
	Marion.....	33,971										
	Hardin.....	30,407										
	Total 13th.....	116,333										
31	Seneca.....	42,421	213,550	77,347	386,785	1	2	1	1	2	2	1
	Crawford.....	34,036										
	Wyandot.....	20,760										
	Total 31st.....	97,217										
15	Muskingum.....	57,488	92,884									
	Perry.....	35,396										
	Total 15th.....	92,884										
16	Delaware.....	27,182	175,656	39,453	197,265	1	1	1	1	1	1	2
	Licking.....	55,590										
	Total 16th.....	82,772										
17	Knox.....	30,181										
	Morrow.....	16,815										
	Total 17th.....	46,996										
28	Wayne.....	38,068	102,963			1		1	1	1	1	1
	Holmes.....	17,909										
	Total 28th.....	55,967										
18	Coshocton.....	30,121										
	Tuscarawas.....	57,035										
	Total 18th.....	87,156										
19	Guernsey.....	42,716	166,217	30,014	150,070	1	1	1	1	1	1	2
	Monroe, part of.....	23,744										
	Noble, part of.....	12,601										
	Total 19th.....	79,061										
20	Belmont.....	76,856	95,932									
	Harrison.....	19,076										
	Total 20th.....	95,932										
22	Jefferson.....	65,423										
	Columbiana.....	70,619										
	Total 22d.....	142,042	237,974	101,771	508,885	1	3	2	2	2	1	1
21	Carroll.....	15,761	138,748	2,545	12,725	1		1	1	1	1	1
	Stark.....	122,987										
	Total 21st.....	138,748										
23	Trumbull.....	52,766										
	Mahoning.....	116,151										
	Total 23d.....	168,917	168,917	32,714	163,570	1	1	1	1	1	1	2

APPORTIONMENT OF SENATORS—Concluded.

No. of District	COUNTIES	Population	Total Population Senatorial District	Fraction Over Ratio	Five Times Fraction Over Ratio	Regular Senators	Added by Fraction	80th	81st	82nd	83rd	84th
24	Ashtabula.....	59,547										
	Lake.....	22,927										
	Geauga.....	14,670										
	Total 24th.....	97,144										
26	Portage.....	30,307	235,704	99,501	497,505	1	3	2	2	2	1	1
	Summit.....	108,253										
	Total 26th.....	138,560										
25	Cuyahoga.....	637,425	637,425	92,613	463,065	4	3	5	5	5	4	4
27	Medina.....	23,598										
	Lorain.....	76,037										
	Total 27th.....	99,635										
29	Ashland.....	22,975	170,277	34,074	170,370	1	1	1	1	1	1	2
	Richland.....	47,667										
	Total 29th.....	70,642										
30	Huron.....	34,206	130,064			1		1	1	1	1	1
	Erie.....	38,327										
	Sandusky.....	35,171										
	Ottawa.....	22,360										
	Total 30th.....	130,064										
32	Mercer.....	27,536	216,907	80,704	403,520	1	2	1	1	2	2	1
	Auglaize.....	31,246										
	Allen.....	56,580										
	Van Wert.....	29,119										
	Paulding.....	22,730										
	Defiance.....	24,498										
	Williams.....	25,198										
	Total 32d.....	216,907										
33	Hancock.....	37,860	163,195	26,992	134,960	1		1	1	1	1	1
	Wood.....	46,330										
	Pulton.....	23,914										
	Henry.....	25,119										
	Putnam.....	29,972										
34	Total 33d.....	163,195	192,728	56,525	282,625	1	2	1	1	2	2	1
	Lucas.....	192,728										
	Totals.....					30	22	33	33	36	33	37

APPORTIONMENT OF REPRESENTATIVES.

One ratio, 47,671; three-fourths ratio, 35,754; two ratios, 95,342.

COUNTIES	Population	Fraction	Five Times Fraction	Regular Represen- tatives	Added by Fraction	80th	81st	82nd	83rd	84th
Adams.....	24,755			1		1	1	1	1	1
Allen.....	56,580	8,909	44,545	1		1	1	1	1	1
Ashland.....	22,975			1		1	1	1	1	1
Ashtabula.....	59,547	11,876	59,380	1	1	1	1	1	1	2
Athens.....	47,798	127	635	1	1	1	1	1	1	1
Auglaize.....	31,246			1		1	1	1	1	1
Belmont.....	76,856	29,185	145,925	1	3	2	2	2	1	1
Brown.....	24,832			1		1	1	1	1	1
Butler.....	70,271	22,600	113,000	1	2	1	1	2	2	1
Carroll.....	15,761			1		1	1	1	1	1
Champaign.....	26,351			1		1	1	1	1	1
Clark.....	66,435	18,764	93,820	1	1	1	1	1	1	2
Clermont.....	29,551			1		1	1	1	1	1
Clinton.....	23,680			1		1	1	1	1	1
Columbiana.....	76,619	28,948	144,740	1	3	2	2	2	1	1
Coshocton.....	36,121			1		1	1	1	1	1
Crawford.....	34,036			1		1	1	1	1	1
Cuyahoga.....	637,425	17,702	88,510	13	1	13	13	13	13	14
Darke.....	42,933			1		1	1	1	1	1
Defiance.....	24,498			1		1	1	1	1	1
Delaware.....	27,182			1		1	1	1	1	1
Erie.....	38,327			1		1	1	1	1	1
Fairfield.....	39,201			1		1	1	1	1	1
Payette.....	21,744			1		1	1	1	1	1
Franklin.....	221,567	30,883	154,415	4	3	5	5	5	4	4
Fulton.....	23,914			1		1	1	1	1	1
Gallia.....	25,745			1		1	1	1	1	1
Geauga.....	14,670			1		1	1	1	1	1
Greene.....	29,733			1		1	1	1	1	1
Guernsey.....	42,716			1		1	1	1	1	1
Hamilton.....	460,732	31,693	158,465	9	3	10	10	10	9	9
Hancock.....	37,860			1		1	1	1	1	1
Hardin.....	30,407			1		1	1	1	1	1
Harrison.....	19,076			1		1	1	1	1	1
Henry.....	25,119			1		1	1	1	1	1
Highland.....	28,711			1		1	1	1	1	1
Hocking.....	23,650			1		1	1	1	1	1
Holmes.....	17,909			1		1	1	1	1	1
Huron.....	34,206			1		1	1	1	1	1
Jackson.....	30,791			1		1	1	1	1	1
Jefferson.....	65,423	17,752	88,760	1	1	1	1	1	1	2
Knox.....	30,181			1		1	1	1	1	1
Lake.....	22,927			1		1	1	1	1	1
Lawrence.....	39,488			1		1	1	1	1	1
Licking.....	55,590	7,919	39,595	1		1	1	1	1	1
Logan.....	30,084			1		1	1	1	1	1
Lorain.....	76,037	28,366	141,830	1	2	1	1	2	2	1
Lucas.....	192,728	2,044	10,220	4		4	4	4	4	4
Madison.....	19,902			1		1	1	1	1	1
Mahoning.....	116,151	20,809	104,045	2	2	2	2	3	3	2
Marion.....	33,971			1		1	1	1	1	1
Medina.....	23,598			1		1	1	1	1	1
Meigs.....	25,594			1		1	1	1	1	1
Mercer.....	27,536			1		1	1	1	1	1
Miami.....	45,047			1		1	1	1	1	1
Monroe.....	24,244			1		1	1	1	1	1
Montgomery.....	163,763	20,750	103,750	3	2	3	3	4	4	3
Morgan.....	16,097			1		1	1	1	1	1
Morrow.....	16,815			1		1	1	1	1	1
Muskingum.....	57,488	9,817	49,085	1	1	1	1	1	1	2
Noble.....	18,601			1		1	1	1	1	1
Ottawa.....	22,360			1		1	1	1	1	1
Paulding.....	22,730			1		1	1	1	1	1
Perry.....	35,396			1		1	1	1	1	1
Pickaway.....	26,158			1		1	1	1	1	1
Pike.....	15,723			1		1	1	1	1	1
Portage.....	30,307			1		1	1	1	1	1
Preble.....	23,834			1		1	1	1	1	1
Putnam.....	29,972			1		1	1	1	1	1
Richland.....	47,667			1		1	1	1	1	1

APPORTIONMENT OF REPRESENTATIVES—Concluded.

COUNTIES	Population	Fraction	Five Times Fraction	Regular Represen- tatives	Added by Fraction	80th	81st	82nd	83rd	84th
Ross.....	40,069			1		1	1	1	1	1
Sandusky.....	35,171			1		1	1	1	1	1
Scioto.....	48,463	792	3,960	1		1	1	1	1	1
Seneca.....	42,421			1		1	1	1	1	1
Shelby.....	24,663			1		1	1	1	1	1
Stark.....	122,987	27,645	138,225	2	2	2	2	3	3	2
Summit.....	108,253	12,911	64,555	1	1	2	2	2	2	3
Trumbull.....	52,766	5,095	25,475	1		1	1	1	1	1
Tuscarawas.....	57,035	9,364	46,820	1		1	1	1	1	1
Union.....	21,871			1		1	1	1	1	1
Van Wert.....	29,119			1		1	1	1	1	1
Vinton.....	13,096			1		1	1	1	1	1
Warren.....	24,497			1		1	1	1	1	1
Washington.....	45,422			1		1	1	1	1	1
Wayne.....	38,058			1		1	1	1	1	1
Williams.....	25,198			1		1	1	1	1	1
Wood.....	46,330			1		1	1	1	1	1
Wyandot.....	20,760			1		1	1	1	1	1
Total Representatives each session.....	4,767,121			119	28	123	123	128	124	125

STATIONERY ACCOUNT.

From November 16, 1914, to July 1, 1915.

This division of the Department of State is charged with the duty of purchase and distribution of stationery and supplies for the General Assembly, the various departments, boards and commissions of the State of Ohio. All distribution of said stationery and supplies is made upon requisition, properly dated and signed by the head of the department, board or commission requiring the same, and filed and entered upon the records of the department, in detail.

For the period above noted the purchases and distributions of stationery and supplies with the number of units of each and the value thereof, were as follows: Pencils on hand and purchased 2,772 dozen, \$960.04; distributed 1,606 dozen, \$523.13. Soap purchased 4,046 cakes, \$281.11; distributed 2,857 cakes, \$214.91. Tablets purchased 366 dozen, \$240.29; distributed 330 dozen, \$217.78. Rubber bands purchased 600 boxes, \$227.60; distributed 442 boxes, \$167.65. Typewriter paper purchased 3,120 boxes, \$2,528.18; distributed 2,541 boxes, \$2,064.44. Carbon paper purchased 808 boxes, \$826.24; distributed, 678 boxes, \$711.22. Matches purchased 147 dozen units, \$41.76; distributed, 147 units, \$41.76. Brooms and mops purchased 319 units, \$94.74; distributed 199 units, \$64.62. Paper fasteners purchased 4,664 boxes, \$398.48; distributed 2,599 boxes, \$228.90. File boxes purchased 970 units, \$194.13, distributed, 789 units, \$165.34. Note paper purchased 77 boxes, \$27.12; distributed 72 boxes, \$25.22. Medicated paper purchased 559 rolls, \$35.85; distributed 466 rolls, \$30.53. Envelope openers purchased 240 units, \$43.19; distributed 178 units, \$32.06. Feather dusters purchased 58 units, \$48.05; distributed 48 units, \$39.70. Paper weights purchased 73 units, \$4.64; distributed 56 units, \$3.61. Manuscript cover purchased 86 boxes, \$27.80; distributed 86 boxes, \$27.80. Bill clips purchased 26 units, \$10.73; distributed 10 units, \$5.23. Dust

pans purchased 22 units, \$3.08; distributed 4 units, \$0.56. Eye shades purchased 65 units, \$4.04; distributed 62 units, \$3.92. Ruling pens purchased 24 units, \$6.24; distributed 10 units, \$2.50. Envelopes plain, purchased 13,950 units, \$58.61; distributed 13,950 units, \$58.61. Seal wafers purchased 64,400 units, \$162.21; distributed 14,300 units, \$50.40. Files stick and harp purchased 41 units, \$2.02; distributed 23 units, \$1.15. Presses and seals purchased 4 units, \$8.50; distributed 3 units, \$5.50. Scissors and shears purchased 457 units, \$251.30; distributed 401 units, \$225.20. Rubber erasers on hand 278 dozen, \$88.00; distributed 188 dozen, \$59.28. Steel erasers purchased 394 units, \$211.51; distributed 352 units, \$192.36. Ink purchased 414 bottles, \$155.34; distributed 304 bottles, \$117.27. Mucilage and paste purchased 804 bottles, \$175.61; distributed 625 bottles, \$142.55. Sponges purchased 423 units, \$115.60; distributed 287 units, \$64.79. Sponge cups purchased 130 units, \$6.48; distributed 106 units, \$4.97. Twine purchased 1,743 balls, \$160.74; distributed 1,171 balls, \$141.02. Pens purchased 361 boxes, \$193.78; distributed 219 boxes, \$117.92. Pen holders purchased 227 dozen, \$77.69; distributed 122 dozen, \$41.50. Blotting paper purchased 4,436 sheets, \$84.75; distributed 3,151 sheets, \$64.68. Blank books purchased 843 books, \$104.18; distributed 450 books, \$60.04. Impression books purchased 35 units, \$44.95; distributed 29 units, \$34.95. Ink wells purchased 361 units, \$259.94; distributed 297 units, \$249.94. Ink racks purchased 30 units, \$1.51; distributed 25 units, \$1.35. Chamois skins purchased 152 units, \$40.76; distributed 66 units, \$17.51. Rules purchased 313 units, \$34.76; distributed 173 units, \$25.73. Baskets purchased 109 units, \$35.09; distributed 95 units, \$31.47. Brushes purchased 76 units, \$2.80; distributed 72 units, \$2.28. Buckets purchased 54 units, \$22.67; distributed 36 units, \$14.99. Tape purchased 224 units, \$60.65; distributed 160 units, \$48.83. Tumblers purchased 146 units, \$4.38; distributed 94 units, \$2.82. Telephone cushions on hand 13 units, \$5.41; distributed none. Typewriter oil purchased 106 units, \$10.48; distributed 88 units, \$7.85. Wire trays purchased 84 units, \$10.62; distributed 59 units, \$7.40. Ink eradicator purchased 2 units, \$0.75; distributed none. Cups purchased 5,750 units, \$10.07; distributed 3,750 units, \$6.55. S. pads purchased 20 units, \$2.09; distributed 7 units, \$0.81. Ribbons purchased 36 units, \$15.00; distributed 36 units, \$15.00.

DEPARTMENT OF STATE—DIVISION OF VITAL STATISTICS.

The rates of births and deaths as shown in this report are compiled according to the estimated population (5,026,893) as forwarded to the Federal Census Bureau for the year 1914:

NUMBER OF BIRTHS WITH RATES PER 1,000 POPULATION FOR YEAR 1914, FOR THE STATE AND BY COUNTIES.

Counties.	Total Number Births.	Rate.
State	101,801	20.2
Adams	431	17.4
Allen	1,007	16.7
Ashland	483	20.3
Ashtabula	1,266	20.2
Athens	1,029	19.9
Auglaize	517	16.0
Belmont	1,962	23.4
Brown	333	13.4
Butler	1,706	22.4
Carroll	235	14.9
Champaign	349	13.2

NUMBER OF BIRTHS WITH RATES PER 1,000 POPULATION FOR YEAR
1914, FOR THE STATE AND BY COUNTIES—Concluded.

Counties.	Total Number Births.	Rate.
Clark	1,298	18.6
Clermont	401	13.5
Clinton	294	12.4
Columbiana	1,610	20.1
Coshocton	449	14.7
Crawford	529	15.5
Cuyahoga	17,162	23.8
Darke	739	17.1
Defiance	431	17.0
Delaware	414	15.0
Erie	693	17.9
Fairfield	685	16.5
Fayette	362	16.6
Franklin	4,613	18.8
Fulton	499	20.4
Gallia	361	14.0
Geauga	233	15.8
Greene	467	15.7
Guernsey	716	15.4
Hamilton	8,910	18.4
Hancock	674	17.7
Hardin	463	15.2
Harrison	249	13.0
Henry	517	20.5
Highland	383	13.3
Hocking	429	18.2
Holmes	302	16.9
Huron	524	14.9
Jackson	538	17.6
Jefferson	1,422	19.1
Knox	514	16.4
Lake	277	11.7
Lawrence	726	18.3
Licking	967	16.7
Logan	439	14.5
Lorain	1,777	20.8
Lucas	4,842	23.1
Madison	378	18.9
Mahoning	2,855	21.2
Marion	586	16.1
Medina	444	18.3
Melgs	403	15.7
Mercer	574	20.8
Miami	667	14.5
Monroe	422	17.8
Montgomery	3,706	20.8
Morgan	241	14.9
Morrow	264	15.4
Muskingum	939	15.8
Noble	238	12.7
Ottawa	559	24.9
Paulding	436	19.1
Perry	738	19.9
Pickaway	507	15.5
Pike	235	16.2
Portage	426	13.2
Preble	334	13.9
Putnam	641	21.3
Richland	977	19.8
Ross	799	19.9
Sandusky	543	15.3
Scioto	1,149	22.2
Seneca	835	19.4
Shelby	490	19.8
Stark	2,562	18.8
Summit	3,908	31.5
Trumbull	927	16.6
Tuscarawas	1,253	21.4
Union	318	14.4
Van Wert	506	17.3
Vinton	194	14.8
Warren	414	16.9
Washington	801	17.6
Wayne	686	17.9
Williams	405	16.0
Wood	758	16.6
Wyandot	562	17.4
Suspense item	3,091	.....

CITIES.

NUMBER OF BIRTHS WITH THE BIRTH RATE PER 1,000 POPULATION
FOR YEAR 1914.

City.	Total Number Births.	Rate per 1,000 Births.
Akron	2,752	22.2
Alliance	386	21.8
Ashland	179	22.5
Ashtabula	512	24.9
Athens	97	14.9
Barberton	390	32.2
Bellaire	371	26.7
Bellefontaine	146	16.3
Bellevue	79	13.9
Bowling Green	94	15.9
Bucyrus	147	16.7
Cambridge	258	12.5
Canal Dover	160	22.4
Canton	1,159	19.0
Chillicothe	314	20.7
Cincinnati	7,601	16.5
Circleville	127	18.8
Cleveland	15,802	24.3
Columbus	3,840	13.3
Conneaut	217	10.5
Coshocton	168	15.3
Dayton	2,857	21.9
Defiance	166	22.6
Delaware	162	16.9
Delphos	98	18.6
East Cleveland	130	10.9
East Liverpool	421	19.0
Elyria	372	10.8
Findlay	280	18.8
Fostoria	168	16.2
Fremont	183	18.2
Gallion	105	14.5
Gallipolis	77	13.7
Greenville	98	14.9
Hamilton	802	19.9
Ironton	190	13.9
Jackson	104	17.9
Kenton	81	11.0
Lakewood	440	27.8
Lancaster	262	17.6
Lima	520	16.3
Loraln	901	23.3
Mansfield	537	24.2
Marletta	266	20.6
Marion	335	15.5
Martins Ferry	268	27.5
Massillon	261	13.7
Middletown	555	37.4
Mt. Vernon	179	17.6
Nelsonville	159	24.9
New Philadelphia	262	27.5
Newark	501	17.5
Newburg .....	.....	.....
Niles	70	8.3
Norwalk	108	13.1
Norwood	295	14.5
Painesville	14	24.0
Piqua	209	15.0
Portsmouth	593	22.1
Ravenna	78	13.2
St. Bernard	115	19.3
St. Marys	116	19.6
Salem	200	20.9
Sandusky	426	21.1
Sidney	153	21.8
Springfield	1,030	20.3
Steubenville	589	22.8
Tiffin	244	19.7
Toledo	4,288	23.8
Troy	36	5.7
Urbana	95	11.6
Van Wert	97	12.9
Wapakoneta	76	13.4
Warren	313	25.7
Washington C. H.	108	13.6
Wellston	134	19.4

CITIES.

NUMBER OF BIRTHS WITH THE BIRTH RATE PER 1,000 POPULATION
FOR YEAR 1914—Concluded.

City.	Total Number Births.	Rate per 1,000 Births.
Wellsville	251	29.6
Wooster	106	15.5
Xenia	138	14.8
Youngstown	2,028	21.6
Zanesville	467	15.5

ILLEGITIMATE BIRTHS EXCLUSIVE OF STILL BIRTHS BY COUNTIES
AND RATE.

Counties.	Total Number Births.	Total Illegitimate Births.	Rate per 1,000 Births.
Adams	431	8	18.5
Allen	1,007	11	10.9
Ashland	483	2	4.1
Ashtabula	1,266	11	8.7
Athens	1,029	19	18.4
Auglaize	517	6	11.6
Belmont	1,962	19	9.7
Brown	333	4	12.0
Butler	1,706	9	5.2
Carroll	235	5	21.3
Champaign	349	9	23.0
Clark	1,298	16	12.3
Clermont	401	8	20.0
Clinton	294	6	20.0
Columbiana	1,610	23	14.2
Coshocton	449	6	11.1
Crawford	529	4	7.5
Cuyahoga	17,162	338	19.6
Darke	739	8	10.8
Defiance	431	3	6.9
Delaware	414	3	7.2
Erie	693	3	4.3
Fairfield	685	15	21.9
Fayette	362	6	16.6
Franklin	4,613	135	29.2
Fulton	499	3	6.0
Gallia	361	9	24.9
Geauga	233	.....	None
Greene	467	7	15.0
Guernsey	716	11	15.3
Hamilton	8,910	260	29.1
Hancock	674	5	7.4
Hardin	463	7	15.1
Hardin	249	3	12.1
Harrison	517	2	3.8
Henry	383	3	7.8
Highland	429	13	30.3
Hocking	302	3	10.0
Holmes	524	5	9.5
Huron	538	17	31.6
Jackson	1,422	16	11.2
Jefferson	514	2	3.9
Knox	277	1	3.6
Lake	967	15	15.5
Licking	726	23	31.6
Lawrence	439	6	13.7
Logan	1,777	6	3.4
Lorain	4,842	85	17.5
Lucas	378	6	15.9
Madison	2,855	33	11.5
Mahoning	586	3	5.1
Marion	444	1	2.2
Medina	403	11	27.2
Meigs	574	3	5.2
Mercer	667	12	18.0
Miami			

**ILLEGITIMATE BIRTHS EXCLUSIVE OF STILL BIRTHS BY COUNTIES
AND RATE—Concluded.**

Counties.	Total Number Births.	Total Illegitimate Births.	Rate per 1,000 Births.
Monroe	422	8	19.0
Montgomery	3,706	75	20.2
Morgan	241	3	12.4
Morrow	264	2	7.5
Muskingum	939	23	24.5
Noble	238	5	21.0
Ottawa	559	3	5.3
Paulding	436	6	13.7
Perry	738	19	25.7
Pickaway	507	12	23.6
Pike	235	4	17.0
Portage	426	3	7.0
Preble	334	6	18.0
Putnam	641	3	4.7
Richland	977	10	10.2
Ross	799	29	36.3
Sandusky	548	1	1.8
Scioto	1,149	16	13.8
Seneca	835	4	4.8
Shelby	490	3	6.1
Stark	2,562	33	12.8
Summit	3,908	18	4.6
Trumbull	927	9	9.7
Tuscarawas	1,253	8	6.3
Union	316	3	9.4
Van Wert	506	4	7.9
Vinton	194	4	20.6
Warren	414	6	14.5
Washington	801	16	20.0
Wayne	686	7	10.2
Williams	405	5	12.3
Wood	758	8	10.5
Wyandot	362	1	3.0
Suspense item	3,091	36	11.6
Total	101,801	1,641	16.1

**NUMBER OF DEATHS IN THE STATE FROM ALL CAUSES AND THE
VARIOUS DISEASES FOR 1914 WITH RATES.**

	Total.	Rate.
ALL CAUSES	65,077	12.94
I. General Diseases	16,827	334.76
1. Typhoid fever	912	18.14
2. Typhus fever	1	.02
3. Relapsing fever .....	.....	.....
4. Malaria	30	.59
5. Smallpox	15	.29
6. Measles	233	4.64
7. Scarlet fever	229	4.56
8. Whooping cough	362	7.20
9. Diphtheria and croup	775	15.42
10. Influenza	449	8.93
11. Miliary fever	1	.02
12. Asiatic cholera .....	.....	.....
13. Cholera nostras	21	.42
14. Dysentery	191	3.79
15. Plague .....	.....	.....
16. Yellow fever .....	.....	.....
17. Leprosy .....	.....	.....
18. Erysipelas	173	3.44
19. Other epidemic diseases	8	.16
20. Purulent infection and septicaemia	195	3.83
21. Glanders	1	.02

NUMBER OF DEATHS IN THE STATE FROM ALL CAUSES AND THE
VARIOUS DISEASES FOR 1914, WITH RATES—Continued.

	Total.	Rate.
I. General Diseases—Concluded—		
22. Anthrax	2	.04
23. Rabies	3	.06
24. Tetanus	79	1.57
25. Mycoses	1	.02
26. Pellagra	1	.02
27. Beriberi		
Tuberculosis (total)	6,564	130.58
28. Tuberculosis of the lungs	5,578	110.96
29. Acute miliary tuberculosis	105	2.09
30. Tuberculosis meningitis	294	5.85
31. Abdominal tuberculosis	288	5.73
32. Potts' disease	55	1.09
33. White swelling	53	1.05
34. Tuberculosis of other organs	121	2.41
35. Disseminated tuberculosis	70	1.39
36. Rickets	21	.42
37. Syphilis	343	6.82
38. Gonococcus infection	12	.24
Cancer and other malignant tumors (total)	4,194	83.43
39. Cancer of the buccal cavity	157	3.12
40. Cancer of the stomach and liver	1,691	33.64
41. Cancer of peritoneum, intestines, rectum	493	9.81
42. Cancer of female genital organs	617	12.27
43. Cancer of the breast	403	8.02
44. Cancer of the skin	184	3.66
45. Cancer of other organs, or of organs not specified	649	12.91
46. Other tumors (tumors of the female genital organs excepted)	23	.46
47. Acute articular rheumatism	179	3.56
48. Chronic rheumatism and gout	104	2.07
49. Scurvy	6	.12
50. Diabetes	795	15.81
51. Exophthalmic goitre	142	2.82
52. Addison's disease	26	.52
53. Leucaemia	109	2.17
54. Anaemia chlorosis	255	5.07
55. Other general diseases	64	1.27
56. Alcoholism (acute or chronic)	240	4.78
57. Chronic lead poisoning	12	.24
58. Other chronic occupation poisonings		
59. Other chronic poisonings	55	1.09
II. Diseases of the Nervous System	7,141	142.06
60. Encephalitis	48	.95
61a. Simple meningitis	156	3.10
61b. Cerebro spinal meningitis (undefined)	82	1.63
61c. Cerebrospinal fever	120	2.39
62. Locomotor ataxia	157	3.11
63a. Acute anterior poliomyelitis	47	.93
63b. Other diseases of the spinal cord	343	6.82
64. Cerebro hemorrhage, apoplexy	4,690	93.29
65. Softening of the brain	114	2.27
66. Paralysis without specified cause	205	4.08
67. General paralysis of the insane	369	7.34
68. Other forms of mental alienation	174	3.46
69. Epilepsy	215	4.28
70. Convulsions (nonpuerperal)	7	.14
71. Convulsions of infants	134	2.67
72. Chorea	10	.99
73. Neuralgia and neuritis	31	.62
74. Other diseases of the nervous system	146	2.90
75. Diseases of the eyes and their annexa	7	.14
76. Diseases of the ears	87	1.71
III. Diseases of Circulatory System	10,284	204.58
77. Pericarditis	74	1.47
78. Acute endocarditis	295	5.87
79. Organic diseases of the heart	7,891	156.98

**NUMBER OF DEATHS IN THE STATE FROM ALL CAUSES AND THE
VARIOUS DISEASES FOR 1914, WITH RATES—Continued.**

	Total.	Rate.
III. Diseases of Circulatory System—Concluded—		
80. Angina pectoris	488	9.71
81. Diseases of the arteries, atherpma, aneurysm, etc.	1,311	26.08
82. Embolism and thrombosis.....	167	3.32
83. Diseases of the veins (varices, hemorrhoids, phlebitis, etc.) ..	25	.49
84. Diseases of the lymphatic system (lymphangitis, etc)	17	.34
85. Hemorrhage, other diseases of the circulatory system.....	16	.32
IV. Diseases of the Respiratory System.....	6,857	136.41
86. Diseases of the nasal fossae.....	8	.16
87. Diseases of the larynx.....	55	1.09
88. Diseases of the thyroid body.....	38	.72
89. Acute bronchitis	510	10.14
90. Chronic bronchitis	333	6.62
91. Bronchopneumonia	2,442	48.58
92a. Lobar pneumonia	3,007	59.82
92b. Pneumonia (undefined)	79	1.57
93. Pleurisy	115	2.29
94. Pulmonary congestion, pulmonary apoplexy	96	1.91
95. Gangrene of the lungs.....	7	.14
96. Asthma	98	1.95
97. Pulmonary emphysema	20	.39
98. Other diseases of the respiratory system.....	51	1.01
V. Diseases of the Digestive System.....	6,837	136.01
99. Diseases of the mouth and annexa.....	29	.58
100. Diseases of the pharynx.....	104	2.07
101. Diseases of the oesophagus.....	6	.12
102. Ulcer of the stomach.....	213	4.24
103. Other diseases of the stomach (cancer excepted)	538	10.70
104. Diarrhoea and enteritis (under 2 years)	2,790	55.50
105. Diarrhoea and enteritis (2 years and over)	594	11.82
106. Ankylostomiasis	6	.12
107. Intestinal parasites	550	10.94
108. Appendicitis and typhilitis.....	214	4.26
109a. Hernia	449	8.93
109b. Intestinal obstruction	121	2.41
110. Other diseases of intestines.....	23	.46
111. Acute yellow atrophy of the liver.....	1	.02
112. Hydatid tumor of the liver.....	671	13.35
113. Cirrhosis of the liver.....	194	3.86
114. Biliary calculi	224	4.46
115. Other diseases of the liver.....	9	.18
116. Diseases of the spleen.....	87	1.73
117. Simple peritonitis (nonpuerperal)	14	.28
118. Other diseases of digestive system.....		
VI. Diseases of Genito-Urinary System.....	5,157	102.59
119. Acute nephritis	493	9.81
120. Bright's disease	3,815	75.89
121. Chyluria	11	.22
122. Other diseases of the kidneys and annexa.....	102	2.03
123. Calculi of the urinary passage.....	40	.79
124. Diseases of the bladder.....	134	2.67
125. Diseases of the urethra, urinary abscess, etc.	8	.16
126. Disease of the prostate.....	219	4.36
127. Nonvenereal diseases of the male genital organs	5	.09
128. Uterine hemorrhage (nonpuerperal).....	1	.02
129. Uterine tumor (noncancerous).....	91	1.81
130. Other diseases of the uterus.....	52	1.03
131. Cysts and other tumors of the ovary.....	60	1.19
132. Salpingitis and other diseases of the female genital organs ..	125	2.49
133. Nonpuerperal diseases of the breast (cancer excepted).....	1	.02

NUMBER OF DEATHS IN THE STATE FROM ALL CAUSES AND THE
VARIOUS DISEASES FOR 1914, WITH RATES—Continued.

	Total.	Rate.
VII. The Puerperal State.....	758	15.08
134. Accidents of pregnancy.....	60	1.19
135. Puerperal hemorrhage.....	95	1.89
136. Other accidents of labor.....	28	.56
137. Puerperal septicaemia.....	398	7.92
138. Puerperal albuminuria and convulsions.....	145	2.88
139. Puerperal phlegmasia alba dolens, embolus, sudden death.....	28	.56
140. Following childbirth (not otherwise defined).....	4	.08
141. Puerperal diseases of the breast.....		
VIII. Diseases of the Skin.....	210	4.18
142. Gangrene.....	122	2.43
143. Furuncle.....	25	.49
144. Acute abscess.....	23	.46
145. Other diseases of the skin and annexa.....	40	.79
IX. Diseases of the Bones.....	89	1.77
146. Diseases of the bones (tuberculosis excepted).....	81	1.61
147. Diseases of the joints (tuberculosis and rheumatism excepted).....	6	.12
148. Amputations.....		
149. Other diseases of organs of locomotion.....	2	.04
X. Malformations.....	896	17.82
150a. Hydrocephalus.....	66	1.31
150b. Congenital malformation of heart.....	580	11.54
150c. Other congenital malformations.....	250	4.97
XI. Early Infancy.....	3,710	73.80
151a. Premature birth.....	2,164	43.05
151b. Congenital debility (atrophy, marasmus, etc.).....	697	13.86
152a. Injuries at birth.....	402	7.99
152b. Other causes peculiar to early infancy.....	414	8.23
153. Lack of care.....	33	.66
XII. Old Age.....	727	14.46
154. Senility.....	727	14.46
XIII. External Causes.....	5,218	103.80
Suicide total.....	822	16.33
155. Suicide by poison.....	310	6.16
156. Suicide by asphyxia.....	4	.08
157. Suicide by hanging or strangulation.....	162	3.22
158. Suicide by drowning.....	41	.82
159. Suicide by firearms.....	225	4.48
160. Suicide by cutting or piercing instruments.....	46	.92
161. Suicide by jumping from high places.....	15	.29
162. Suicide by crushing.....	12	.24
163. Other suicides.....	7	.14
Accidental or undefined (total).....	4,096	81.48
164. Poisoning by food.....	68	1.35
165. Other acute poisonings.....	111	2.21
166. Conflagration.....	83	1.65
167. Burns (conflagration excepted).....	357	7.10

**NUMBER OF DEATHS IN THE STATE FROM ALL CAUSES AND THE
VARIOUS DISEASES FOR 1914, WITH RATES—Concluded.**

	Total.	Rate.
XIII. External Causes—Concluded—		
168. Absorption of deleterious gases.....	140	2.79
169. Accidental drowning	334	6.64
170. Traumatism by firearms.....	85	1.69
171. Traumatism by cutting or piercing instruments.....	15	.29
172. Traumatism by fall.....	923	18.56
173a. Traumatism in mines.....	70	1.39
173b. Traumatism in quarries.....	9	.18
174. Traumatism by machines.....	148	2.71
175a. Railroad accidents.....	766	13.25
175b. Street car accidents.....	173	3.44
175c. Automobile accidents.....	187	3.72
175d. Injuries by other vehicles.....	135	2.69
175e. Landslide, other crushing.....	40	.79
176. Injuries by animals.....	56	1.11
177. Starvation.....	1	.02
178. Excessive cold.....	19	.38
179. Effects of heat.....	114	2.27
180. Lightning.....	23	.46
181. Electricity (lightning excepted).....	49	.97
185. Fractures (cause not specified).....	29	.58
186. Other external violence.....	163	3.24
Homicide (total).....	300	5.97
182. Homicide by firearms.....	153	3.04
183. Homicide by cutting or piercing instruments.....	46	.92
184. Homicide by other means.....	101	2.01
XIV. Ill-defined Diseases	379	7.54
187. Illdefined organic disease.....	9	.18
188. Sudden death.....	36	.72
189a. Illdefined.....	83	1.75
189b. Not specified, or unknown.....	246	4.89
XV. Stillbirths	4,280	85.14
000. Stillbirths	4,281	85.14

**THE TOTAL NUMBER OF DEATHS IN EACH CITY OF THE STATE FOR
1914, FROM ALL CAUSES AND THE VARIOUS DISEASES WITH RATES.**

City.	Deaths.	Rate.
Akron	1,084	13.5
Alliance	189	11.3
Ashland	111	13.9
Ashtabula	223	10.9
Athens	68	13.6
Barberton	148	12.8
Bellaire	179	12.6
Bellefontaine	132	14.8
Bellevue	62	11.3
Bowling Green	66	12.5
Bucyrus	128	14.7
Cambridge	177	14.0
Canal Dover	79	11.1
Canton	639	10.9
Chillicothe	283	15.4
Cincinnati	6,432	16.1
Circleville	108	16.0
Cleveland	8,170	12.7
Columbus	3,024	14.7

THE TOTAL NUMBER OF DEATHS IN EACH CITY OF THE STATE FOR
1914, FROM ALL CAUSES AND THE VARIOUS DISEASES
WITH RATES—Concluded.

City.	Deaths.	Rate.
Conneaut	136	15.4
Coshocton	133	12.2
Dayton	1,701	13.1
Dedance	72	9.8
Delaware	130	13.6
Delphos	60	11.4
East Cleveland	111	9.3
East Liverpool	229	13.6
Elyria	200	11.5
Findlay	210	14.1
Fostoria	137	13.6
Fremont	144	14.4
Galion	104	14.4
Gallipolis	161	28.7
Greenville	102	15.6
Hamilton	401	9.9
Ironton	222	16.3
Jackson	93	16.0
Kenton	144	19.7
Lakewood	257	16.3
Lancaster	188	12.7
Lima	448	14.1
Lorain	337	9.8
Mansfield	293	13.3
Marietta	217	16.8
Marion	276	13.2
Martins Ferry	143	14.7
Massillon	165	8.7
Middletown	196	13.2
Mt. Vernon	142	14.0
Nelsonville	64	10.1
New Philadelphia	102	10.7
Newark	362	12.7
Niles	113	13.5
Norwalk	103	12.6
Norwood	176	8.7
Painesville	88	15.5
Piqua	179	12.9
Portsmouth	403	15.6
Ravenna	88	15.6
St. Bernard	51	8.9
St. Marys	81	13.7
Salem	176	18.5
Sandusky	288	14.3
Sidney	89	12.7
Springfield	672	13.3
Staubenville	456	17.7
Tiffin	206	16.8
Toledo	2,851	15.9
Troy	88	14.1
Urbana	99	12.2
Van Wert	86	11.5
Wapakoneta	70	11.7
Warren	176	14.5
Washington C. H.	129	16.3
Wellston	68	9.9
Wellsville	92	10.9
Wooster	95	15.4
Xenia	144	16.5
Youngstown	1,379	14.7
Zanesville	469	15.7

DEPARTMENT OF STATE—DIVISION OF AUTOMOBILES.

The tables following show the number of automobile licenses issued by counties, for the year 1915, and the comparative increase from 1908 to 1915:

Counties.	Number.	Counties.	Number.
Adams	418	Highland	927
Allen	2,636	Hocking	551
Ashland	1,397	Holmes	578
Ashtabula	2,157	Huron	1,643
Athens	1,115	Jackson	378
Auglaize	1,339	Jefferson	1,244
Belmont	1,418	Knox	2,403
Brown	568	Lake	1,310
Butler	2,487	Lawrence	475
Carroll	477	Licking	2,241
Champaign	1,153	Logan	1,301
Clark	2,207	Lorain	2,559
Clermont	658	Lucas	8,024
Clinton	1,065	Madison	980
Columbiana	2,182	Mahoning	4,720
Coshocton	919	Marion	1,663
Crawford	1,470	Medina	1,172
Cuyahoga	26,719	Meigs	405
Darke	2,358	Mercer	1,359
Defiance	1,289	Miami	2,512
Delaware	1,152	Monroe	413
Erie	1,294	Montgomery	6,160
Fairfield	2,169	Morgan	291
Fayette	942	Morrow	721
Franklin	9,294	Muskingum	1,557
Fulton	1,578	Noble	334
Gallia	337	Ottawa	1,029
Geauga	620	Paulding	1,191
Greene	1,163	Perry	1,070
Guernsey	967	Pickaway	1,210
Hamilton	12,002	Pike	240
Hancock	2,092	Portage	1,155
Hardin	1,551	Preble	1,606
Harrison	769	Putnam	1,383
Henry	612	Richland	1,771

DEPARTMENT OF STATE—DIVISION OF AUTOMOBILES—Concluded.

Counties.	Number.	Counties.	Number.
Ross -----	1,260	Van Wert -----	1,546
Sandusky -----	1,909	Vinton -----	157
Scioto -----	1,556	Warren -----	861
Seneca -----	2,289	Washington -----	996
Shelby -----	1,214	Wayne -----	524
Stark -----	5,175	Williams -----	1,601
Summit -----	6,252	Wood -----	2,822
Trumbull -----	2,131	Wyandot -----	1,148
Tuscarawas -----	1,749		
Union -----	1,018	Total -----	181,332

NUMBER OF REGISTRATIONS FROM OTHER STATES.

New York -----	7	Kentucky -----	7
West Virginia -----	5	Indiana -----	12
District of Columbia -----	3	Michigan -----	21
Illinois -----	3	Tennessee -----	1
Georgia -----	2	Rhode Island -----	1
Massachusetts -----	2	Iowa -----	1
Florida -----	4	Missouri -----	1
Pennsylvania -----	7	Canada -----	2
New Jersey -----	1		

COMPARATIVE TABLE FROM 1908 TO 1916.

	Number of cars registered.	Receipts.	Expenses.	Balances.	Per cent. of ex- penses to re- ceipts.
1908	10,649	\$56,102 10	\$15,829 34	\$40,472 76	27.1
1909	23,003	94,184 26	24,765 98	69,418 28	26.3
1910	32,941	178,127 00	45,328 13	132,798 87	25.4
1911	45,788	245,752 60	55,029 41	190,723 19	22.4
1912	63,129	337,303 18	61,322 22	275,980 96	18.2
1913	86,156	457,537 55	62,474 32	395,063 23	13.6
1914	122,504	685,457 25	81,737 21	603,720 04	12.9
1915	181,332	984,606 38	90,190 06	894,416 32	9.2

REPORT OF AUDITOR OF STATE

STATEMENT OF FINANCES FOR PERIOD BEGINNING NOVEMBER 16, 1914, AND ENDING JUNE 30, 1915.

Cash in treasury, subject to draft, as shown by the books of the Auditor of State, to the credit of the several funds on November 16, 1914	\$7,734,985 83
Cancelled warrant issued in 1914	35
Receipts into the several funds during the period ended June 30, 1915	11,541,588 84
Total including balances	\$19,276,575 02
Disbursements for the period ended June 30, 1915	11,886,009 06
Balance subject to draft as shown by the books of the Auditor of State, June 30, 1915	\$7,390,565.96
Add to above balance—Warrants on Treasurer of State outstanding June 30, 1915	275,202 01
Total cash in treasury as shown by the books of the Treasurer of State June 30, 1915	\$7,665,767 97

CONDENSED STATEMENT OF ACCOUNTS WITH THE SEVERAL STATE FUNDS FOR THE PERIOD BEGINNING NOVEMBER 16, 1914, AND ENDING JUNE 30, 1915.

Funds	Balances November 16, 1914.	Receipts	Total	Disbursements	Balances June 30, 1915.
General revenue.....	\$4,635,094.36	\$9,968,403.17*	\$14,603,497.53	\$10,854,912.01	\$3,748,585.52
Sinking	111,510.12	258,610.93	370,121.05	285,700.22	84,420.83
Common school.....	18,433.98	1,328,111.24	1,346,545.22	1,345,840.35	704.87
University		349,262.95	349,262.95		349,262.95
Highway	2,386,477.89	1,458,796.42	3,845,274.31	939,989.07	2,906,185.24
Liquor license.....	583,469.48	82,197.87	675,667.35	402,512.59	273,154.76
		28,251.79	28,251.79		28,251.79
	\$7,734,985.83	\$13,483,634.37	\$21,218,620.20	\$13,828,054.24	\$7,390,565.96
Deduct transfers		1,942,045.18	1,942,045.18	1,942,045.18	
	\$7,734,985.83	\$11,541,589.19*	\$19,276,575.02	\$11,886,009.06	\$7,390,565.96

*Thirty-five cents (\$0.35) of this amount is cancelled 1914 warrant.

CONDENSED STATEMENT OF ACCOUNTS WITH CURRENT APPROPRIATIONS MADE FOR THE PERIOD BEGINNING NOVEMBER 16, 1914, AND ENDING JUNE 30, 1915, COMPARED WITH CASH IN TREASURY JUNE 30, 1915.

Funds	Cash balances in treasury June 30, 1915 subject to draft.	Balances of unpaid appro- priations June 30, 1915.	Excess of cash in treasury over appro- priations.	Excess of appropriations over cash in treasury.
General revenue	\$3,748,585.52	\$3,340,706.10	\$407,879.42	.....
Sinking	84,420.83	476,403.93		\$391,983.10
Common school	704.87	3,876,766.74		3,876,061.87
University	349,262.95		349,262.95	.....
Highway	2,906,185.24	3,848,412.94		942,227.70
Liquor license	273,154.76	328,811.85		55,657.09
Special school fund.....	28,251.79		28,251.79	.....
	\$7,390,565.96	\$11,871,101.56	\$785,894.16	\$5,285,929.76

APPROPRIATIONS AND DISBURSEMENTS.

	Total Available.	Total Disbursement.
Adjutant General	\$11,682.55	\$9,138.49
Ohio National Guard	548,435.81	231,877.21
State House and grounds	39,263.13	29,655.73
Attorney General	93,589.41	58,131.54
Auditor of State	46,603.68	41,823.00
Support of schools for blind, crippled and deaf children	1,947.09	1,019.69
Bureau of Inspection and Supervision of Public Offices	95,219.11	87,458.44
Treasurer of State	21,232.63	18,950.36
Secretary of State	34,881.20	28,172.67
Automobile Department	423,378.10	72,559.65
Bureau of Vital Statistics	23,174.19	17,413.16
Executive Department	21,922.93	18,240.59
Agricultural Commission	884,066.11	563,589.31
Industrial Commission	340,336.95	318,797.65
Department of Public Instruction	219,484.08	184,266.88
Prosecution and transportation of convicts	131,222.78	123,534.58
Legislature	299,689.14	266,997.11
Judiciary	418,191.83	343,879.71
Supreme Court and law library	17,803.01	15,076.61
Clerk of Supreme Court	6,305.76	6,152.33
Supreme Court Reporter	7,799.83	6,401.11
Ohio State Library	45,851.92	25,828.74
Ohio Archaeological and Historical Society	43,187.99	30,347.81
Commissioners of Public Printing	49,316.88	44,316.39
Supervisor of Public Printing	160,391.12	131,009.44
State Fire Marshal	123,505.85	51,824.00
State Board of Charities and Children's Welfare Departments	29,044.86	22,444.74
State Board of Health	60,994.17	55,001.65
Board of Pardons	3,325.04	2,945.00
Department of Public Works	97,425.33	82,489.53
Department of Banks and Banking	60,939.14	57,088.47
Bureau of Building and Loan Associations	25,815.76	23,357.35
Insurance Department	31,221.29	28,685.45
Board of Administration	3,634,269.63	3,068,796.75
Ohio Soldiers' and Sailors' Orphans' Home	155,536.20	135,242.83
Ohio Reformatory for Women	106,028.25	57,502.94
Lima State Hospital	307,754.58	221,710.03
Public Utilities Commission	139,905.13	111,781.89
Ohio Commission for the Blind	66,324.37	53,328.54
Tax Commission	51,340.58	34,831.39
Commissioner of Soldiers' Claims	4,635.40	3,963.48
Civil Service Commission	55,823.03	37,542.04
State Highway Department	5,694,126.53	1,340,245.54
State Medical Board	21,910.40	8,832.18
State Board of Pharmacy	6,910.18	3,856.83
Ohio State University	1,130,151.57	932,978.49
Ohio University	236,488.09	212,873.25
Miami University	263,726.83	217,054.53
Wilberforce University	89,264.98	59,540.31
Bowling Green Normal School	350,634.47	169,895.41
Kent Normal School	348,425.97	198,777.86
Ohio Geological Survey	6,021.81	4,534.98
Ohio Topographical Survey	18,633.83	16,690.15
Building Code Commission	869.08	844.07
Budget Commission	7,951.69	5,707.18
Commission to select site for new penitentiary	15,997.92	13,782.94
State Board of Uniform Laws	405.75	.....
Expenses codifying highway and road laws	441.52	114.54
Legislative Reference Bureau	7,921.80	4,378.48
Expenses maintaining G. A. R. headquarters	2,174.75	1,501.75
Emergency Board	132,527.25	*63,333.43
Miscellaneous unauthorized deficiencies	538.85	.....
Perry's Memorial—Battle of Lake Erie	42,771.75	41,277.95
Col. William Jennings' Memorial	4,000.00	.....
Liquor Tax Refunds	326.92	174.46
126th O. V. I. Memorial	167.88	20.00
Thomas Kirker Memorial	5,000.00	.....
Ft. Amanda Memorial	5,000.00	4,963.16
Panama-Pacific International Exposition	85,721.83	67,768.99
Ft. Meigs Memorial	7,450.70	53.50
97th O. V. I. Memorial	1,343.28	1,313.27
City of Columbus	47,000.00	3,380.94
Investigation financial conditions of municipalities	923.10	222.20
Investigation of Ohio Judicial System	1,000.00	740.90
State Oil Inspector	56,233.22	31,311.18
State Dental Board	4,753.66	2,256.24
State Embalming Board	1,883.51	1,384.19
State Accountancy Board .....	.....	.....
State Liquor Licensing Board	731,324.44	152,512.59

APPROPRIATIONS AND DISBURSEMENTS—Concluded.

	Total Available.	Total Disbursement.
State Common Schools.....	\$5,272,607.09	\$1,378,519.50
Commissioners of the Sinking Fund—Interest.....	762,104.15	285,700.22
Refunders of money erroneously collected.....	3,492.73	.....
Settlement of personal damage claims.....	7,844.75	.....
Settlement of property damage claims.....	7,283.86	.....
Payment of certain salaries and wages (Con. Con.).....	1,825.00	.....
Miscellaneous claims	20,530.05	.....
Ohio Commission Chicago Exposition anniversary and Negro freedom	5,000.00	.....
National McKinley Birthday Memorial Association.....	25,000.00	.....
Totals	\$24,374,554.09	\$11,886,009.06
*EMERGENCY BOARD TRANSFERS.....	.....	\$63,333.43

RECAPITULATION OF APPROPRIATION ACCOUNTS.

CREDITS.

Balances November 16, 1914.....	\$8,951,638.68
Lapsed appropriations, 1914, restored.....	110,216.41
Appropriations by 81st General Assembly—	
House Bill No. 218.....	\$5,000.00
House Bill No. 314.....	6,521,425.28
House Bill No. 334.....	10,615.00
House Bill No. 343.....	5,792,866.00
House Bill No. 708.....	191,637.68
House Bill No. 709.....	804,152.73
House Bill No. 714.....	114,695.92
House Bill No. 720.....	19,023.50
House Bill No. 721.....	270,765.94
Appropriated receipts	13,730,182.03
Emergency Board allowances.....	1,512,784.44
Refunds	63,333.43
Transfers	2,339.06
Transfers	4,110.04
Total available	\$24,374,554.09

DEBITS.

Personal service	\$4,023,683.36
Maintenance	2,668,243.48
Equipment	584,935.33
Construction—	
New buildings	\$904,056.87
New roads	1,255,491.65
Lands	3,600.00
Exposition building	46,317.08
Memorials	47,066.61
Central Warehouse—Board of Administration.....	2,256,532.21
Manufacturing—Board of Administration.....	130,420.30
Prisoners' Compensation	321,924.22
Rotary Fund—O. S. U.....	44,505.77
Miscellaneous	13,378.03
Interest on irreducible debt.....	25,088.78
Emergency Board allowances.....	285,700.22
State Common Schools.....	63,333.43
Transfers	1,531,596.86
Transfers	554,110.04
Total disbursements and transfers.....	\$12,503,452.53
Balance June 30, 1915	\$11,871,101.56

CONSOLIDATED LOCAL DEBT STATEMENT.

A Consolidated Extract of the Aggregate Amount of Funded and Unfunded Debts of all the Counties, Townships, Cities, Incorporated Villages and Separate School Districts in the State as reported in Pursuance of Sections 253 and 2604 General Code, for the Year 1914 and as Compared with the Aggregate Debts of 1913.

Counties.	Debts of counties in 1914.	Debts of townships in 1914.	Debts of school districts in 1914.	Debts of cities and villages in 1914.	Total, 1914.	Total, 1913.
Adams	\$324,754	\$11,240	\$38,798	\$20,520	\$395,312	\$345,046
Allen	119,456	.....	699,789	1,101,339	1,920,585	1,760,637
Ashland	295,500	150,500	183,775	330,196	959,971	537,893
Ashtabula	87,500	5,050	1,384,460	566,080	2,043,091	1,810,269
Athens	247,000	92,420	210,304	368,931	918,656	782,396
Auglaize	381,850	3,000	100,800	712,433	1,198,083	980,320
Belmont	565,000	231,601	20,800	1,433,751	2,251,152	1,382,935
Brown .....	.....	100	18,425	112,266	130,791	120,021
Butler	789,500	.....	1,065,259	2,374,214	4,228,973	3,745,715
Carroll .....	.....	.....	66,200	137,855	204,055	141,765
Champaign	196,237	1,000	78,237	527,860	803,334	651,752
Clark	584,000	46,160	455,450	2,272,406	3,308,016	2,904,106
Clermont	198,500	.....	53,220	112,631	364,351	374,493
Clinton .....	.....	.....	239,744	139,000	378,744	366,483
Columbiana	356,500	145,853	616,325	1,874,452	2,993,130	2,455,802
Coshocton	208,700	29,000	164,325	170,610	572,635	319,704
Crawford .....	.....	447,900	117,119	703,553	1,268,573	1,118,892
Cuyahoga	12,851,654	240,150	7,250,000	53,576,850	73,918,654	59,546,513
Darke	420,000	.....	116,172	357,394	893,866	826,763
Defiance	171,500	.....	50,050	384,800	606,350	539,257
Delaware	790,383	1,000	37,500	370,957	1,199,841	1,168,364
Erie	132,500	22,500	267,206	998,900	1,421,106	1,399,073
Fairfield	30,718	.....	75,650	224,124	330,493	255,175
Fayette	14,000	.....	192,395	94,848	301,244	269,479
Franklin	2,640,260	.....	1,385,950	18,292,015	22,318,225	17,127,962
Fulton	191,740	.....	110,861	355,088	657,690	545,582
Gallia	405,000	700	11,150	270,600	687,450	645,507
Geauga	25,600	18,465	31,470	51,764	127,299	133,555
Greene	286,800	1,600	125,410	192,708	606,518	529,653
Guernsey .....	.....	.....	148,300	475,505	623,805	820,082
Hamilton	3,328,813	17,500	4,814,689	59,420,440	67,581,442	61,977,693
Hancock	441,000	.....	175,450	568,211	1,184,661	1,017,908
Hardin	678,806	497	137,161	500,932	1,317,397	1,060,046
Harrison .....	.....	3,000	96,415	120,202	219,618	185,675
Henry	685,000	.....	40,900	242,571	968,471	999,406
Highland .....	.....	.....	59,749	190,587	250,316	258,100
Hocking .....	.....	6,160	158,559	93,450	258,169	231,297
Holmes	54,000	31,000	16,750	97,060	198,810	106,739
Huron	192,000	730,400	227,000	566,912	1,716,312	1,529,004
Jackson	364,000	.....	45,500	313,308	722,808	665,267
Jefferson .....	.....	44,175	505,204	1,029,963	1,579,342	1,369,032
Knox	160,000	.....	174,900	186,395	521,295	253,805
Lake	532,000	105,500	174,125	624,662	1,436,287	1,035,522
Lawrence	810,000	.....	139,880	594,700	1,544,580	1,257,974
Licking .....	.....	32,825	106,903	1,080,445	1,220,173	1,301,849
Logan .....	.....	3,500	215,162	359,711	578,373	542,337
Lorain	1,051,000	1,791	1,308,390	3,881,969	6,243,150	5,127,907
Lucas	2,534,678	500	2,259,224	9,668,972	14,463,376	11,635,533
Madison	203,500	6,550	175,000	234,691	619,741	446,917
Mahoning	2,808,000	688,250	1,394,250	3,302,846	8,193,346	5,741,653
Marion .....	.....	2,000	225,399	652,007	879,407	1,378,793
Medina .....	.....	1,200	327,100	383,003	711,303	508,274
Meigs	78,000	12,727	67,472	257,886	416,066	337,653
Mercer	532,000	.....	85,055	485,612	1,102,667	970,195
Miami	519,000	63,900	392,000	1,172,833	2,148,233	1,653,991
Monroe .....	.....	250	19,777	46,761	66,788	55,456
Montgomery	784,600	83,950	111,583	5,794,421	6,724,854	7,378,400
Morgan	183,400	2,300	2,300	83,900	271,900	222,888
Morrow	225,415	.....	7,320	55,223	285,958	289,943
Muskingum	1,149,000	2,484	503,615	454,220	2,109,269	1,615,383

CONSOLIDATED LOCAL DEBT STATEMENT—Concluded.

Counties.	Debts of counties in 1914.	Debts of townships in 1914.	Debts of school districts in 1914.	Debts of cities and villages in 1914.	Total, 1914.	Total, 1913.
Noble	\$44,000	\$50,000	\$26,500	\$90,806	\$211,306	\$128,601
Ottawa	68,500	185,750	164,230	279,128	697,608	643,895
Paulding	627,850	.....	77,353	234,233	939,436	933,675
Perry .....	.....	.....	103,473	132,550	236,024	198,019
Pickaway	401,160	.....	94,072	205,857	701,090	563,474
Pike	111,900	10,347	5,399	50,990	178,637	151,957
Portage	310,000	70,779	91,422	427,822	900,024	710,955
Preble	27,868	5,445	161,627	231,552	426,493	336,377
Putnam	596,000	.....	147,800	115,795	859,595	752,707
Richland	145,000	113,350	374,400	372,299	1,005,049	1,133,571
Ross .....	.....	14,000	130,163	464,171	608,334	414,199
Sandusky	82,113	9,485	93,000	570,342	754,940	807,371
Scioto	475,000	9,000	723,320	1,329,618	2,536,939	2,204,035
Seneca	180,000	532,157	163,628	1,171,984	2,047,770	1,474,153
Shelby .....	.....	1,700	132,336	285,575	419,611	501,242
Stark	688,500	75,400	1,305,465	4,448,936	6,518,301	5,425,044
Summit	877,821	59,612	1,647,700	7,810,585	10,395,719	7,044,523
Trumbull	750,500	468,800	466,450	961,511	2,647,261	1,989,666
Tuscarawas	130,000	20,000	534,750	1,115,029	1,799,779	1,316,448
Union	466,040	.....	233,479	383,508	1,083,028	1,009,063
Van Wert	139,500	420,800	131,700	176,150	868,150	864,023
Vinton	6,500	.....	27,085	.....	33,585	34,751
Warren	253,000	3,150	99,800	219,243	575,193	595,769
Washington .....	.....	.....	72,646	452,687	525,334	659,829
Wayne .....	.....	250	54,380	723,295	777,925	660,280
Williams .....	.....	30,000	147,655	566,645	744,300	670,689
Wood	933,833	10,000	192,800	365,738	1,502,372	1,045,462
Wyandot	277,785	45,540	38,340	174,107	535,772	301,847
Total	\$47,110,538	\$5,424,216	\$36,722,910	\$204,427,771	\$293,685,437	\$247,331,459

NOTE—Ohio has no bonded indebtedness. The Auditor of State's records show that \$1,665.00 of outstanding state indebtedness is unpaid. This is an old canal debt that matured in 1849, and no interest has been paid on the same for sixty-five years, so it is certain that the bonds have been lost or destroyed. The last payment made on this debt was \$100.00 in 1870.

COMPARATIVE LOCAL DEBT STATEMENT.

Aggregate Amount of Funded and Unfunded Debts of all Cities and Villages in Each County in Ohio.

CITIES AND VILLAGES.

Counties.	Debt in 1880.	Debt in 1890.	Debt in 1900.	Debt in 1910.	Debt in 1913.	Debt in 1914.
Adams .....	.....	\$4,575	\$9,000	\$28,829	\$17,800	\$20,520
Allen	\$104,638	480,050	965,130	1,243,225	1,131,106	1,101,339
Ashland	3,476	17,850	54,750	359,146	318,990	330,196
Ashtabula	12,227	20,419	254,889	912,448	1,303,413	566,080
Athens	24,000	40,165	211,780	399,115	337,544	368,931
Auglaize	7,100	66,000	333,880	593,243	613,823	712,433
Belmont	115,283	247,466	529,664	861,887	663,516	1,433,751
Brown	33,581	48,372	66,765	108,110	101,616	112,266
Butler .....	.....	615,400	1,110,444	532,789	2,480,091	2,374,214
Carroll .....	.....	26,600	44,000	125,645	91,765	137,855
Champaign	32,275	84,893	276,619	87,227	427,037	527,860
Clark	24,124	796,014	718,025	1,359,361	1,941,633	2,272,406
Clermont	400	.....	63,100	237,965	152,795	112,631
Clinton .....	.....	6,250	116,483	121,672	130,468	139,000
Columbiana	51,772	319,603	948,767	1,595,602	1,658,723	1,874,452
Coshocton	3,373	.....	166,000	230,300	170,846	170,610
Crawford	72,745	116,395	292,914	360,956	641,428	703,553

COMPARATIVE LOCAL DEBT STATEMENT—Continued.

CITIES AND VILLAGES—Continued.

Counties.	Debt in 1880.	Debt in 1890.	Debt in 1900.	Debt in 1910.	Debt in 1913.	Debt in 1914.
Cuyahoga	\$4,291,257	\$7,304,700	\$13,703,875	\$31,666,069	\$41,978,500	\$53,576,850
Darke	5,278	155,086	304,000	333,394	364,277	357,394
Defiance	14,168	70,000	304,670	392,400	364,880	384,800
Delaware	54,947	48,791	48,822	258,413	380,043	370,957
Erie	472,977	404,193	618,046	919,358	1,022,775	998,900
Fairfield	33,150	96,686	105,843	157,563	195,272	224,124
Fayette	4,588	71,267	77,294	78,090	93,479	94,848
Franklin	1,485,396	4,703,123	4,958,117	11,343,932	14,145,934	18,292,015
Fulton	15,866	41,500	93,086	217,481	293,476	355,088
Gallia	145,228	140,929	277,600	258,008	246,600	270,600
Geauga	1,366	14,528	11,250	52,575	91,207	51,764
Greene	67,808	128,885	183,335	266,884	166,956	192,708
Guernsey	426	36,189	222,202	581,372	637,725	475,505
Hamilton	22,670,390	24,568,323	28,328,294	48,198,255	54,946,894	59,420,440
Hancock	1,046	648,125	366,340	602,917	526,532	568,211
Hardin	27,979	.....	219,968	406,235	515,838	500,932
Harrison .....	.....	.....	36,000	131,359	99,075	120,202
Henry	5,000	.....	145,761	201,174	221,201	242,571
Highland	49,699	7,035	196,796	204,940	197,862	190,567
Hocking .....	.....	8,620	60,944	108,572	71,656	93,450
Holmes	3,015	22,500	36,600	41,462	58,717	97,060
Huron	64,421	65,250	381,026	560,307	584,549	566,912
Jackson .....	.....	2,300	122,481	261,285	245,116	313,308
Jefferson	27,685	144,000	117,968	429,366	972,744	1,029,963
Knox .....	.....	63,000	66,655	306,064	161,203	186,395
Lake	4,811	30,612	192,899	412,299	437,863	624,662
Lawrence	238,755	226,236	291,482	385,860	530,356	594,700
Licking	46,165	294,495	186,000	849,725	976,795	1,080,445
Logan	22,691	85,613	212,692	418,850	430,008	359,711
Lorain .....	.....	135,173	714,616	2,535,197	3,140,773	3,881,969
Lucas	3,134,865	3,862,156	5,903,916	7,448,306	7,947,258	9,668,972
Madison .....	.....	.....	22,919	155,841	138,867	234,691
Mahoning	168,566	252,789	477,493	2,287,555	2,425,555	3,302,846
Marion	1,008	38,000	303,034	518,348	587,008	652,007
Medina	12,550	11,000	32,738	155,405	314,366	383,003
Meigs	150,000	135,409	170,869	254,016	247,335	257,886
Mercer	1,000	24,000	122,148	363,059	371,045	485,612
Miami	340,596	453,684	815,567	884,568	1,033,399	1,172,833
Monroe	1,548	.....	14,700	51,559	51,981	46,761
Montgomery	1,113,762	1,867,960	2,857,300	4,009,240	6,210,357	5,794,421
Morgan	1,617	16,500	82,510	77,452	76,999	83,900
Morrow	27,214	.....	29,575	47,855	44,179	55,223
Muskingum	527,858	514,734	641,709	609,703	621,568	454,220
Noble .....	.....	.....	26,839	41,834	63,200	90,806
Ottawa .....	.....	35,745	129,530	153,205	253,950	279,128
Paulding	784	26,103	62,937	184,260	235,008	234,233
Perry	3,076	23,000	10,300	107,552	104,958	132,550
Pickaway .....	.....	29,300	46,000	47,624	155,882	205,857
Pike	3,092	.....	13,853	47,000	51,125	50,990
Portage	5,155	95,450	259,608	425,841	374,004	427,822
Preble	859	2,000	70,313	154,366	155,562	231,552
Putnam .....	.....	.....	149,328	264,276	192,849	115,795
Richland	172,250	169,160	349,400	643,729	611,342	372,299
Ross .....	.....	.....	223,987	454,539	407,491	464,171
Sandusky	91,639	287,925	401,843	458,019	598,068	570,342
Scioto	266,800	221,970	353,270	1,029,100	1,636,227	1,329,618
Seneca	60,724	316,535	1,354,974	957,300	952,068	1,171,984
Shelby	53,800	99,500	186,300	267,550	279,169	285,575
Stark	223,065	771,490	1,116,061	2,758,718	3,860,690	4,448,936
Summit	12,770	94,600	577,923	1,471,424	5,059,318	7,810,585
Trumbull	43,548	25,445	161,194	436,454	486,539	961,511
Tuscarawas	15,341	60,690	295,520	404,195	881,673	1,115,029
Union	14,608	.....	5,940	343,005	395,175	383,508
Van Wert	2,792	49,500	331,041	312,728	172,643	176,150
Vinton .....	.....	.....	4,600	.....	.....	.....

COMPARATIVE LOCAL DEBT STATEMENT—Continued.

CITIES AND VILLAGES—Concluded.

Counties.	Debt in 1880.	Debt in 1890.	Debt in 1900.	Debt in 1910.	Debt in 1913.	Debt in 1914.
Warren	\$22,916	\$61,400	\$204,135	\$232,673	\$236,169	\$219,243
Washington	170,541	181,514	430,773	.....	596,403	452,687
Wayne	60,505	129,842	272,783	485,522	617,710	723,295
Williams .....	.....	761	120,120	293,845	553,977	566,645
Wood	13,200	145,264	120,838	294,065	364,846	365,738
Wyandot	1,000	98,000	100,473	108,604	126,086	174,107
Total	\$36,958,179	\$52,588,459	\$77,606,261	\$140,977,381	\$175,772,583	\$204,427,771

Aggregate Amount of Funded and Unfunded Debts of all School Districts in each County.

SCHOOL DEBTS.

Adams	\$6,187	\$3,890	\$3,500	\$21,510	\$31,193	\$38,798
Allen	3,662	51,130	80,940	319,934	456,079	699,789
Ashland	6,600	30,607	4,000	16,633	15,443	183,775
Ashtabula .....	.....	64,500	73,570	246,562	426,856	1,384,460
Athens .....	.....	.....	121,000	11,100	224,252	210,304
Auglaize	35,500	30,699	43,640	83,363	54,003	100,800
Belmont	34,736	75,277	77,300	229,582	436,700	20,800
Brown	707	2,800	21,893	25,181	18,205	18,425
Butler	23,387	69,500	.....	343,186	1,039,089	1,065,259
Carroll .....	.....	.....	14,000	1,000	50,000	66,200
Champaign	63,910	6,000	62,780	28,000	56,460	78,237
Clark	32,000	106,850	132,500	273,758	465,386	455,450
Clermont	3,650	.....	.....	2,975	94,618	53,220
Clinton .....	.....	.....	25,100	121,104	235,997	239,744
Columbiana	41,400	126,350	236,420	281,357	379,829	616,325
Coshocton	1,305	26,000	5,648	48,788	148,858	184,325
Crawford	7,250	27,500	29,000	36,851	110,283	117,119
Cuyahoga	11,000	561,000	1,304,202	3,963,410	6,281,316	7,250,000
Darke	32,800	25,000	32,500	122,927	87,756	116,172
Defiance	16,439	.....	34,000	40,631	32,377	50,050
Delaware	1,547	1,000	800	77,000	23,000	37,500
Erie	34,148	33,900	7,112	46,562	261,224	267,206
Fairfield	8,625	.....	6,000	25,000	60,403	75,650
Fayette .....	.....	2,300	24,040	45,000	176,000	192,395
Franklin .....	.....	224,633	694,703	934,609	1,074,848	1,385,950
Fulton	8,500	19,000	33,539	79,723	103,876	110,861
Gallia .....	.....	.....	1,600	27,000	7,750	11,150
Geauga	14,500	.....	12,048	32,318	31,551	31,470
Greene	2,225	.....	28,418	82,957	88,253	125,410
Guernsey	24,832	13,925	31,165	175,900	182,357	148,300
Hamilton	11,050	206,350	655,312	2,740,252	4,185,895	4,814,689
Hancock .....	.....	.....	172,809	210,156	178,776	175,450
Hardin	18,000	.....	91,267	.....	.....	137,161
Harrison .....	.....	.....	2,000	12,719	84,600	96,415
Henry	30,000	12,503	20,516	40,730	45,823	40,900
Highland .....	.....	6,000	52,050	49,800	60,013	59,749
Hocking .....	.....	.....	189	89,009	118,070	158,559
Holmes .....	.....	.....	.....	.....	1,505	16,750
Huron .....	.....	41,023	66,532	49,210	232,185	227,000
Jackson .....	.....	13,614	.....	49,850	34,151	45,500
Jefferson .....	.....	1,700	22,500	192,159	283,788	505,204
Knox .....	.....	1,000	.....	31,400	87,014	174,900
Lake	3,028	.....	53,000	.....	126,456	174,125
Lawrence .....	.....	45,000	34,188	10,777	26,628	139,880
Licking .....	.....	37,000	35,000	184,500	290,000	106,903
Logan	37,874	17,090	18,500	.....	112,329	215,162
Lorain	42,800	6,963	121,700	454,707	843,753	1,308,390
Lucas	218,359	171,251	574,618	1,246,995	1,797,948	2,259,224
Madison .....	.....	.....	36,970	16,640	204,341	175,000
Mahoning	11,849	41,980	.....	.....	133,505	1,394,250

COMPARATIVE LOCAL DEBT STATEMENT—Continued.

SCHOOL DEBTS—Concluded.

Counties.	Debt in 1880.	Debt in 1890.	Debt in 1900.	Debt in 1910.	Debt in 1913.	Debt in 1914.
Marion	\$2,606	\$26,000	\$83,186	\$121,500	\$217,525	\$225,399
Medina	5,000	.....	9,780	.....	1,500	327,100
Meigs	2,876	.....	5,428	1,626	31,124	67,472
Mercer	13,850	37,894	16,000	170,192	91,650	85,055
Miami	3,459	85,600	170,846	128,342	359,430	392,000
Monroe	7,213	.....	27,485	30,354	3,475	19,777
Montgomery	2,894	61,200	591,755	379,230	591,554	111,583
Morgan .....	.....	13,615	3,955	2,800	3,903	2,390
Morrow	8,000	20,554	2,450	7,570	3,788	7,320
Muskingum	13,858	5,569	90,460	6,663	278,616	503,615
Noble	13,260	2,175	.....	15,819	22,098	26,500
Ottawa	5,850	5,000	4,000	60,726	142,895	164,330
Paulding	10,002	.....	21,142	25,683	79,817	77,353
Perry	1,731	23,900	9,000	84,140	92,461	103,473
Pickaway	20,000	5,000	12,500	4,000	.....	94,072
Pike .....	.....	.....	.....	400	5,150	5,899
Portage	4,154	13,355	.....	29,347	39,909	91,422
Preble	905	30,000	7,150	82,529	134,746	161,627
Putnam	5,200	11,140	41,300	119,506	141,921	147,800
Richland	23,187	5,675	115,200	151,896	255,910	374,400
Ross .....	.....	.....	3,282	35,327	5,333	130,163
Sandusky	3,156	.....	.....	92,718	102,097	93,000
Scioto	45,400	13,452	38,700	183,900	483,068	723,320
Seneca	28,000	56,176	45,342	77,593	123,300	163,628
Shelby	3,000	4,400	13,450	10,170	106,323	132,336
Stark	44,472	168,751	234,536	715,884	989,482	1,305,485
Summit .....	.....	158,405	65,490	603,768	1,246,262	1,647,700
Trumbull	450	41,300	103,885	213,850	392,418	466,450
Tuscarawas	43,580	76,322	126,025	136,065	283,705	584,750
Union	18,759	400	.....	4,900	136,278	233,479
Van Wert	6,880	19,000	18,636	149,205	140,042	131,700
Vinton .....	.....	1,800	.....	1,988	26,990	27,085
Warren	1,910	8,050	44,002	31,200	93,200	99,800
Washington	2,000	1,500	96,270	.....	62,883	73,646
Wayne	9,000	4,440	6,115	.....	41,070	54,380
Williams	5,975	29,200	11,947	41,347	93,241	147,655
Wood	41,500	39,500	41,303	79,916	161,616	192,800
Wyandot .....	.....	11,125	.....	23,842	18,539	38,340
Total	\$1,185,907	\$3,103,830	\$7,153,895	\$16,946,729	\$28,448,561	\$36,722,910

Aggregate Amount of Funded and Unfunded Debts of Each County.

COUNTY DEBTS.

Adams	\$2,825	\$49,063	\$193,000	\$242,784	\$284,821	\$324,754
Allen .....	.....	25,298	.....	110,473	173,194	119,456
Ashland .....	.....	.....	.....	74,299	107,460	295,500
Ashtabula .....	.....	.....	.....	.....	75,000	87,500
Athens	32,900	.....	290,500	229,000	220,000	247,000
Auglaize	50,000	33,600	178,700	321,000	309,286	381,850
Belmont .....	.....	205,000	213,000	38,925	114,967	565,000
Brown .....	.....	33,000	.....	.....	.....	.....
Butler	15,630	280,342	.....	218,010	226,535	789,500
Carroll .....	.....	54,824	.....	.....	.....	.....
Champaign	74,305	28,170	21,981	118,625	168,255	196,237
Clark	137,100	82,326	13,530	128,671	461,372	534,000
Clermont	18,150	56,000	112,200	94,425	123,381	198,500
Clinton	50,000	37,250	.....	.....	.....	.....
Columbiana	8,500	.....	102,000	21,000	336,221	356,500
Coshocton .....	.....	.....	.....	.....	.....	208,700
Crawford .....	.....	.....	.....	15,000	.....	.....
Cuyahoga	196,694	.....	821,719	7,259,658	11,135,977	12,851,654

COMPARATIVE LOCAL DEBT STATEMENT—Continued.

COUNTY DEBTS—Continued.

Counties.	Debt in 1880.	Debt in 1890.	Debt in 1900.	Debt in 1910.	Debt in 1913.	Debt in 1914.
Darke	\$29,000	\$91,500	\$43,000	\$301,156	\$373,569	\$420,000
Defiance		43,212	35,000	91,994	142,000	171,500
Delaware	49,175	4,000		497,693	763,621	790,333
Erie	4,500	78,000	40,000	65,000	92,121	132,500
Fairfield					9,500	30,718
Fayette	4,300	55,800	50,440	14,400		14,000
Franklin	52,600	454,885	739,132	891,110	1,907,180	2,640,260
Fulton	7,800		5,000	250,200	133,700	201,740
Galila	6,110		340,500	420,153	391,157	405,000
Genaga						25,000
Greene		101,821		247,430	274,444	286,800
Guernsey			58,000			
Hamilton	281,519	1,632,283	2,815,930	2,739,950	2,863,925	3,323,813
Hancock	11,000		224,000	218,100	312,600	441,000
Hardin	166,500			187,400	526,808	678,806
Harrison						
Henry	100,000	276,207	62,995	517,398	728,931	685,000
Highland		79,000				
Hocking				28,249	41,571	
Holmes		35,597			17,068	54,000
Huron		17,785	13,310	20,500	155,533	192,000
Jackson			300,000	413,200	386,000	364,000
Jefferson		40,000	433,245	23,157	92,000	
Knox				78,483		160,000
Lake			69,500	221,770	420,304	532,000
Lawrence	70,907	53,634	260,500	532,000	700,000	810,000
Licking	137,000	197,900	103,000	123,500		
Logan	74,269	109,416	89,500			
Lorain				59,349	81,797	1,051,000
Lucas	139,173	510,469	832,904	1,515,524	1,889,852	2,534,673
Madison	8,252		130,613	13,004	100,499	203,500
Mahoning	41,000	40,000		3,608,453	2,739,500	2,808,000
Marion	21,056	94,700		229,932	572,260	
Medina			14,800			
Meigs			81,000	42,215	1,840	75,000
Mercer		398,000		392,749	507,500	532,000
Miami	20,400	304,300	236,900	197,700	205,000	519,500
Monroe				80,000		
Montgomery	21,211	81,000		522,624	534,725	734,900
Morgan	3,500	30,000	10,247	31,832	138,186	183,400
Morrow				146,648	241,976	223,415
Muskingum	100,000		591,000	542,397	720,199	1,149,000
Noble	1,700				9,637	44,000
Ohio	2,000		145,500	55,491	86,750	68,500
Paulding	70,000	171,622	226,000	486,416	618,850	627,850
Perry		88,300				
Pickaway		293,682	134,132		356,092	401,160
Pike	19,743	79,623	43,552	70,500	94,592	111,900
Portage					270,445	310,000
Puella		39,000	102,900	63,394	44,797	27,868
Putnam	17,000	86,700	101,786	452,562	417,937	596,000
Richland				94,002	126,849	145,000
Ross	70,146					
Sandusky	7,500		34,395	58,848	107,208	82,113
Scioto	205,000	145,500	25,000	40,000	74,740	475,000
Seneca	6,953	19,000	5,641		398,785	180,000
Shelby	62,000	38,200	89,650	25,300	115,750	
Stark	45,853	99,100		31,168	503,774	683,500
Summit				324,096	709,290	877,321
Trumbull	1,300				923,000	750,500
Tuscarawas		73,749	18,454		130,000	130,000
Union	147,647	103,394	49,640	396,000	477,610	466,940
Van Wert	79,995		66,000	26,354	25,000	139,500
Vinton		20,000	21,493		7,761	6,500

COMPARATIVE LOCAL DEBT STATEMENT—Continued.

COUNTY DEBTS—Concluded.

Counties.	Debt in 1880.	Debt in 1890.	Debt in 1900.	Debt in 1910.	Debt in 1913.	Debt in 1914.
Warren	\$600	\$48,000	\$33,242	.....	\$262,000	\$253,000
Washington	5,886	.....	118,750	.....	.....	.....
Wayne	74,950	4,533	29,100	.....	.....	.....
Williams .....	.....	110,000	31,799	.....	23,471	.....
Wood	100,000	20,892	45,623	\$581,000	507,000	933,833
Wyandot .....	.....	.....	105,387	141,878	121,588	277,785
Total	\$2,853,356	\$6,974,779	\$10,521,247	\$26,979,085	\$38,213,891	\$47,110,538

Totals of all Funded and Unfunded Debts of the eighty Cities of the State.

CITY DEBTS.

Popu- lation 1910.	Cities.	Debt in 1880.	Debt in 1890.	Debt in 1900.	Debt in 1910.	Debt in 1914.
560,663	Cleveland	\$4,247,257	\$8,118,783	\$15,383,580	\$30,014,660	\$48,202,617
363,591	Cincinnati	22,670,390	26,435,500	27,090,400	54,518,410	67,118,509
181,511	Columbus	1,483,465	3,802,227	7,257,900	14,784,412	17,902,600
168,497	Toledo	3,134,868	3,614,158	6,154,918	9,449,881	9,565,351
116,577	Dayton	1,113,762	1,762,860	3,212,000	4,117,200	5,547,230
79,066	Youngstown	168,566	.....	514,000	2,217,215	3,093,965
69,067	Akron	12,770	91,300	584,700	1,407,938	6,998,705
50,217	Canton	23,549	600,479	684,275	1,636,067	2,725,722
46,921	Springfield	24,124	785,219	733,793	1,450,370	2,342,631
35,279	Hamilton .....	.....	515,700	.....	.....	1,749,133
30,508	Lima	104,500	439,130	835,600	1,252,352	1,116,919
28,883	Lorain .....	.....	65,000	536,650	1,460,776	2,088,856
28,026	Zanesville	527,543	506,200	635,210	661,045	599,868
25,404	Newark	46,165	299,195	181,000	817,071	1,089,301
23,481	Portsmouth	266,800	229,000	463,130	1,024,500	1,614,500
22,391	Steubenville	27,685	162,687	47,403	480,040	966,426
20,768	Mansfield	172,250	189,550	138,000	540,100	479,550
20,387	East Liverpool	47,200	260,400	369,602	501,743	520,173
19,987	Sandusky	468,797	412,100	619,100	841,600	900,450
18,266	Ashtabula .....	.....	20,419	212,460	637,730	654,095
18,232	Marion .....	.....	38,000	347,092	518,348	716,512
16,185	Norwood .....	.....	6,000	481,908	1,079,839	760,500
15,181	Lakewood .....	.....	.....	.....	1,237,158	1,608,274
15,083	Alliance	42,063	145,000	274,220	886,100	1,275,091
14,868	Findlay	11,500	628,714	540,925	665,341	524,696
14,825	Elyria .....	.....	20,820	61,586	1,294,990	2,011,480
14,508	Chillicothe .....	.....	.....	200,400	450,109	454,475
13,897	Massillon	19,628	27,300	65,000	176,071	180,523
13,888	Piqua	266,927	402,000	280,000	485,900	666,731
13,152	Middletown .....	.....	101,000	222,000	444,733	535,080
13,147	Ironton	238,755	216,236	265,000	516,500	621,121
13,093	Lancaster	33,150	96,686	104,843	163,936	231,899
12,946	Bellaire	101,753	224,966	143,611	300,215	217,000
12,923	Marietta	148,081	185,000	442,840	No Report	619,653
11,894	Tiffin	60,724	315,635	714,800	423,600	636,650
11,327	Cambridge	426	35,000	199,336	533,051	537,672
11,081	Warren	27,000	10,000	30,750	138,856	342,330
9,939	Fremont	65,050	257,600	216,850	361,587	348,799
9,603	Coshocton	3,373	.....	166,000	283,922	138,860
9,597	Fostoria .....	.....	39,500	614,074	532,002	694,007
9,410	Barberton .....	.....	.....	43,600	212,480	388,965
9,179	East Cleveland .....	.....	.....	210,000	.....	656,551
9,133	Martins Ferry	9,600	.....	226,000	.....	388,320
9,087	Mt. Vernon .....	.....	64,000	66,655	300,135	186,295
9,076	Delaware	54,947	55,000	48,335	296,476	392,357

COMPARATIVE LOCAL DEBT STATEMENT—Concluded.

CITY DEBTS—Concluded.

Popu- lation 1910.	Cities.	Debt in 1880.	Debt in 1890.	Debt in 1900.	Debt in 1910.	Debt in 1914.
8,943	Salem			\$207,339	\$445,403	\$515,405
8,706	Xenia	\$67,200	\$99,200	168,450	308,350	259,900
8,542	New Philadelphia		43,500	75,498	86,949	522,419
8,361	Niles	2,348	16,000	102,000	197,543	315,050
8,319	Conneaut			96,800	262,190	238,239
8,238	Bellefontaine	20,252	83,771	195,858	375,246	234,760
8,122	Bucyrus		98,000	65,665	187,794	176,520
7,858	Norwalk	42,014	64,800	180,002	230,206	216,294
7,769	Wellsville	1,700	78,500	748,441	512,714	483,414
7,739	Urbana	32,275	73,568	272,000	97,050	476,260
7,327	Defiance	14,168	101,000	257,600	392,400	331,400
7,277	Washington, C. H.	4,385	40,267	82,320	75,600	94,849
7,214	Gallon	9,174	25,000	177,500	315,618	409,554
7,185	Kenton	21,000		182,818	298,735	405,560
7,157	Van Wert	2,792	45,000	237,901	197,910	224,480
6,875	Wellston			\$123,279	\$145,023	\$25,043
6,795	Ashland	\$1,600	\$16,200	43,500	292,670	255,002
6,744	Circleville		25,000	46,000	47,623	180,557
6,621	Canal Dover	8,841	10,873	57,000	144,995	235,970
6,607	Sidney	53,800	96,000	185,500	265,500	283,725
6,237	Greenville		128,500	281,000	294,894	256,144
6,136	Wooster	60,505	128,000	204,157	448,570	522,367
6,122	Troy	72,000	142,000	247,649	322,600	351,060
6,082	Nelsonville		30,000	72,280	156,697	118,254
5,813	Newburg	1,000			22,800	96,562
5,732	St. Marys	2,100	42,000	172,970	421,552	395,412
5,560	Gallipolis	145,228	140,910	277,600	264,600	270,690
5,501	Painesville	4,161	26,300	166,000	360,238	430,243
5,468	Jackson			21,200	90,100	207,700
5,463	Athens	24,000	3,030	122,500		187,423
5,349	Wapakoneta	1,000	24,000	150,300	187,515	180,340
5,310	Ravenna	2,830	85,000	158,000	265,086	296,472
5,222	Bowling Green	2,000	84,943	70,250	100,700	164,395
5,209	Bellevue	21,177		27,600	91,584	81,500
5,038	Delphos		38,000	93,000	159,000	162,534
	Totals	\$36,240,281	\$52,963,730	\$77,299,433	\$147,174,234	\$200,046,183

COMPARATIVE FINANCIAL STATEMENT OF THE RECEIPTS AND EXPENDITURES OF STATE GOVERNMENT.

Fiscal Year ending Nov.	Governor.	State tax rate mills.	Tax collected direct from the people by state levy.	Revenues collected indirectly by the state from all other sources	Total amount expended each year for all purposes.	Cashbalance in treasury November 15, each year.	Interest earned on state funds each year.	State expenditures for the following subjects:					Hea'th of people.
								Education.	Agriculture	Good roads.	Labor.	Pure food and food supplies.	
1884	Hoadley	2.80	\$4,670,612.08	\$821,280.83	\$5,450,649.88	\$716,717.75	.....	\$1,896,082.15	\$12,725.84	\$3,278.55	\$11,591.55	\$10,000.00	.....
1885	Hoadley	2.80	4,595,119.31	472,411.18	5,067,530.49	254,088.79	.....	1,913,353.05	25,951.96	.....	17,514.39	3,380.21	.....
1886	Foraker	2.80	4,811,107.55	964,596.19	5,775,703.74	456,221.24	.....	1,973,240.61	43,444.19	.....	20,910.74	6,638.70	\$1,966.81
1887	Foraker	2.80	4,847,001.14	1,209,025.40	6,056,026.54	222,278.73	.....	2,016,761.87	39,608.45	.....	23,441.50	15,565.58	6,232.40
1888	Foraker	2.80	5,120,267.23	778,964.29	6,001,784.75	119,725.50	.....	1,962,612.61	12,088.06	.....	25,245.07	15,620.94	5,774.74
1889	Foraker	2.90	4,987,725.66	960,179.44	5,947,905.10	381,653.87	.....	2,048,457.32	26,465.47	.....	23,637.76	15,320.44	5,205.91
1890	Campbell	2.70	4,731,294.75	1,192,383.07	5,923,677.82	402,588.44	.....	2,119,477.37	25,708.40	.....	30,423.11	16,029.76	5,328.59
1891	Campbell	2.70	4,706,372.47	2,273,092.39	6,979,464.86	1,370,591.80	.....	2,251,478.55	16,551.64	.....	35,998.11	19,532.15	5,282.29
1892	McKinley	2.45	4,216,166.07	1,238,355.00	6,154,611.24	756,411.63	.....	2,102,895.46	75,324.51	.....	42,735.47	21,978.64	8,663.00
1893	McKinley	2.75	4,720,348.08	1,351,308.46	6,071,656.54	618,358.77	.....	2,110,467.51	45,883.52	455.00	52,464.79	31,567.64	14,311.35
1894	McKinley	2.75	4,796,137.47	1,763,417.31	6,559,554.78	802,264.91	.....	2,118,580.91	110,808.99	345.00	57,210.55	39,113.42	8,697.34
1895	McKinley	2.75	4,792,343.96	1,252,812.08	6,045,156.04	693,849.08	.....	2,146,765.99	36,127.39	.....	56,580.39	59,726.32	8,007.58
1896	Bushnell	2.75	4,735,873.74	1,756,662.63	6,492,536.37	525,125.09	.....	2,155,023.85	50,437.79	.....	55,880.84	70,743.80	9,775.04
1897	Bushnell	2.84	4,955,653.20	2,250,498.37	7,206,151.57	764,496.96	.....	2,244,919.54	47,281.74	.....	58,116.17	54,165.26	13,829.36
1898	Bushnell	2.84	5,001,944.19	2,721,383.78	7,723,327.97	828,973.95	.....	2,338,784.53	24,445.82	2,000.00	69,436.58	63,557.58	16,112.70
1899	Bushnell	2.84	5,092,548.04	2,698,547.56	7,791,095.60	1,196,977.08	.....	2,330,417.37	39,041.10	.....	65,901.39	75,780.72	14,508.02
1900	Nash	2.84	5,118,863.11	2,612,984.61	7,731,847.72	1,509,910.78	.....	2,268,883.44	34,036.12	.....	65,555.50	65,743.28	16,584.60
1901	Nash	2.80	5,316,844.86	2,719,483.73	8,036,328.59	1,688,733.54	.....	2,397,659.22	43,982.87	.....	64,467.16	73,183.09	18,881.54
1902	Nash	2.89	5,698,020.93	4,157,503.72	9,855,524.65	3,512,244.82	.....	2,453,940.13	62,636.97	.....	70,646.50	89,865.26	17,835.96
1903	Nash	1.35	2,803,202.26	4,912,377.04	7,715,579.30	2,964,556.97	.....	2,710,749.18	90,714.36	.....	80,490.12	76,517.64	17,065.02
1904	Herrick	1.35	2,853,311.06	5,594,567.09	8,447,878.15	2,556,198.45	.....	2,908,191.12	105,993.52	.....	78,048.35	76,775.49	18,517.43
1905	Herrick	1.35	2,863,697.94	6,414,478.72	9,278,176.66	2,937,877.56	\$32,660.34	3,154,363.05	135,632.97	3,966.40	85,214.25	77,944.18	21,016.83
1906	Pattison-Harris	1.35	2,669,583.44	7,116,962.88	9,786,546.32	3,746,083.04	53,568.17	3,145,046.00	117,280.69	84,394.44	85,585.32	77,010.16	28,066.34
1907	Harris	1.345	3,008,092.55	7,893,347.05	10,901,439.60	5,081,850.95	115,407.94	3,846,821.93	185,344.40	.....	114,873.51	86,721.56	85,818.85
1908	Harris	1.345	3,061,241.32	8,575,631.58	11,636,872.90	5,203,184.97	187,176.68	3,882,958.71	125,542.12	289,881.16	106,629.07	88,877.01	85,548.96
1909	Harmon	1.345	3,201,949.37	8,080,863.42	11,282,812.79	4,170,860.00	157,315.65	3,654,369.99	237,171.87	423,948.14	134,067.60	99,684.51	49,339.94
1910	Harmon	1.345	3,171,586.37	8,395,586.40	11,567,172.77	3,683,167.33	178,871.80	3,700,416.16	281,148.20	503,576.12	138,185.92	130,067.52	44,998.23
1911	Harmon	1.345	3,283,891.18	9,713,401.83	12,995,293.01	3,768,116.37	159,777.88	3,986,188.05	363,253.87	279,038.91	143,062.56	122,482.75	40,555.70
1912	Harmon	.451	2,758,020.91	11,278,382.17	14,036,403.08	4,682,837.93	199,443.95	4,980,870.87	444,439.69	555,009.31	186,333.42	123,142.67	44,386.20
1913	Cox	.451	2,878,366.46	12,700,105.14	15,578,471.60	5,564,184.86	241,227.17	4,177,209.11	545,745.19	739,792.44	282,226.80	132,615.61	78,692.69
1914	Cox	.461	6,272,192.42	14,272,346.73	20,544,539.15	8,166,480.32	450,971.05	5,490,804.74	846,289.89	1,869,830.38	505,050.21	.....	91,298.70

TABULAR STATEMENT.

Exhibiting the number of horses, cattle, mules, etc., sheep and hogs returned to the auditor of state's office by the several district assessors, for the years 1914 and 1915, as required by Section 2604, General Code, and to provide for the publication of the same, as provided by Section 261, General Code.

COUNTIES.	Number of Horses.		Number of Cattle.	
	1914.	1915.	1914.	1915.
Adams	6,734	6,511	11,929	12,914
Allen	12,591	12,179	16,782	18,209
Ashland	8,953	8,729	12,874	15,535
Ashtabula	12,830	9,936	30,788	28,843
Athens	6,768	6,485	14,827	15,896
Auglaize	11,013	11,194	18,593	20,794
Belmont	9,559	9,288	22,432	24,644
Brown	8,890	8,484	15,318	15,663
Butler	11,817	11,546	18,739	19,292
Carroll	7,891	7,458	15,838	15,094
Champaign	12,051	11,424	17,565	18,065
Clark	13,014	12,708	19,559	20,669
Clermont	8,343	8,428	15,820	17,307
Clinton	10,619	11,242	16,064	16,531
Columbiana	11,298	10,831	21,639	22,342
Coshocton	8,111	7,596	17,044	18,836
Crawford	9,381	9,665	16,302	17,280
Cuyahoga	23,489	15,702	13,075	9,099
Darke	20,081	20,913	26,673	28,489
Defiance	9,664	9,384	11,166	12,481
Delaware	11,484	11,111	20,469	21,934
Erie	6,580	6,682	8,330	8,864
Fairfield	11,966	11,579	22,970	24,171
Fayette	11,910	11,847	17,163	17,440
Franklin	17,729	17,504	24,481	23,409
Fulton	10,144	19,275	19,007	20,525
Gallia	6,144	6,249	12,087	13,473
Geauga	6,479	6,654	20,677	21,813
Greene	11,618	11,758	19,726	18,487
Guernsey	8,313	8,074	17,608	19,117
Hamilton	15,791	14,893	16,369	15,708
Hancock	13,251	13,760	24,063	26,680
Hardin	12,058	12,234	18,174	19,918
Harrison	6,244	6,123	13,100	14,291
Henry	10,715	10,810	13,817	15,018
Highland	12,186	11,400	20,861	21,734
Hocking	4,767	4,902	9,323	11,175
Holmes	8,101	7,883	17,186	17,092
Huron	10,359	10,235	15,080	16,164
Jackson	4,327	4,393	11,908	13,003
Jefferson	6,421	6,266	11,403	12,674
Knox	8,680	10,085	16,057	19,491
Lake	5,305	4,675	8,440	7,945
Lawrence	4,230	4,463	8,093	9,417
Licking	15,572	14,875	28,093	30,949
Logan	12,448	13,060	19,560	21,086
Lorain	12,074	11,324	22,681	23,718
Lucas	6,683	10,354	9,699	10,186
Madison	13,083	12,363	17,270	18,471
Mahoning	10,453	8,346	18,346	15,746
Marion	10,218	10,088	15,699	16,459
Medina	9,619	9,738	16,865	18,341
Meigs	5,656	5,674	12,275	13,149
Mercer	12,842	13,003	20,168	21,398
Miami	12,665	12,575	15,793	16,906
Monroe	5,718	5,925	13,916	15,682

TABULAR STATEMENT.

Exhibiting the number of horses, cattle, mules, etc., sheep and hogs returned to the auditor of state's office by the several district assessors, for the years 1914 and 1915, as required by Section 2604, General Code, and to provide for the publication of the same, as provided by Section 261, General Code.

Number of Mules, etc.		Number of Sheep.		Number of Hogs.	
1914.	1915.	1914.	1915.	1914.	1915.
483	530	6,143	5,436	11,044	10,966
235	207	14,056	12,604	33,997	41,301
329	228	28,314	23,037	19,029	19,534
274	295	6,814	4,143	7,243	5,699
461	303	39,860	32,099	6,042	5,433
298	832	5,958	5,857	33,679	33,679
294	840	46,929	39,917	10,948	10,265
642	697	7,115	6,432	25,677	24,250
1,070	1,152	7,027	6,305	30,373	33,412
153	172	41,652	35,292	11,217	8,546
599	518	21,159	13,869	38,522	38,372
736	723	17,376	12,653	33,161	34,561
989	1,019	2,653	3,152	17,745	19,043
687	783	15,522	12,168	55,997	50,067
406	469	15,334	14,089	11,312	10,690
294	271	80,815	73,091	17,331	16,411
292	298	36,781	33,521	38,611	32,766
278	183	2,245	2,123	3,032	2,566
495	544	4,744	4,051	60,796	62,098
185	191	9,816	8,354	20,538	19,421
282	287	38,880	34,096	30,782	26,049
71	91	3,476	7,206	10,235	9,762
242	217	11,978	10,697	37,613	43,054
431	437	13,216	9,518	59,229	55,250
506	631	9,129	8,013	29,695	32,279
117	147	8,331	6,860	29,809	23,890
329	341	10,880	9,096	5,393	5,542
100	109	3,424	2,935	3,617	3,690
620	621	17,719	14,857	42,959	39,979
552	476	52,364	46,346	7,323	6,860
1,630	1,747	1,907	1,515	9,025	10,481
267	313	31,556	25,499	56,719	53,863
333	292	40,717	37,610	29,973	40,157
193	132	87,992	82,922	7,863	7,132
219	211	3,918	2,815	20,873	21,627
611	617	17,661	14,057	49,109	44,845
186	207	10,488	9,175	6,934	7,368
151	150	20,075	17,522	22,398	19,333
240	247	44,163	33,363	19,396	17,915
310	543	3,424	3,143	4,332	4,563
702	648	33,897	30,570	6,643	6,557
263	284	96,913	85,587	23,813	23,627
79	82	2,605	2,189	3,111	2,371
456	542	1,538	1,277	3,590	4,179
404	442	89,462	79,204	36,172	35,902
377	424	32,967	24,236	30,561	33,153
213	344	11,571	11,720	9,427	7,681
97	120	1,519	1,364	11,152	9,393
390	448	21,561	15,056	45,492	44,015
345	410	13,293	9,456	8,548	5,696
341	446	43,268	31,053	35,478	41,512
144	199	13,727	11,273	12,130	11,732
367	308	24,433	20,746	4,132	4,329
234	270	7,270	6,254	44,681	33,504
685	709	2,936	2,457	26,339	29,942
39	91	7,434	7,764	5,890	5,775

TABULAR STATEMENT—Concluded.

COUNTIES.	Number of Horses.		Number of Cattle.	
	1914.	1915.	1914.	1915.
Montgomery	17,227	16,828	20,727	21,895
Morgan	5,115	5,184	12,270	14,260
Morrow	8,922	8,800	14,301	16,651
Muskingum	10,512	9,851	22,784	24,130
Noble	6,063	5,940	15,748	17,741
Ottawa	6,783	6,713	8,383	8,250
Paulding	10,543	10,602	8,025	9,443
Perry	7,168	7,112	14,924	15,059
Pickaway	12,849	12,714	21,854	22,503
Pike	4,577	4,708	6,182	6,711
Portage	10,025	10,383	20,583	21,939
Preble	11,282	10,515	17,237	18,061
Putnam	12,469	12,181	18,345	19,818
Richland	10,807	11,244	18,214	20,900
Ross	12,608	12,451	20,797	22,051
Sandusky	10,381	9,633	14,766	15,171
Scioto	6,158	6,061	9,260	9,727
Seneca	13,114	12,782	18,292	20,029
Shelby	10,976	11,605	16,741	19,199
Stark	16,618	15,735	27,090	28,283
Summit	11,310	9,907	17,657	19,365
Trumbull	12,818	12,983	28,639	30,684
Tuscarawas	10,786	10,769	21,690	23,889
Union	10,505	11,915	14,928	18,447
Van Wert	11,083	11,434	12,456	13,984
Vinton	2,785	2,788	6,529	6,816
Warren	10,077	10,317	16,096	17,550
Washington	8,502	8,094	16,950	18,967
Wayne	14,170	15,009	24,940	27,875
Williams	11,258	10,866	16,245	19,238
Wood	15,471	15,311	21,014	21,187
Wyandot	8,975	8,974	14,111	14,538
Totals	907,127	891,240	1,488,976	1,583,878

	1913 to 1914.	1914 to 1915.
Horses	90,957 increase.	15,887 decrease.
Cattle	228,895 increase.	94,902 increase.
Mules	7,133 increase.	2,328 increase.
Sheep	94,628 decrease.	260,461 decrease.
Hogs	459,911 increase.	141 decrease.

TABULAR STATEMENT—Concluded.

Number of Mules, Etc.		Number of Sheep.		Number of Hogs.	
1914.	1915.	1914.	1915.	1914.	1915.
859	923	2,982	1,981	32,512	39,017
159	170	57,709	55,485	5,006	4,628
220	240	52,740	45,527	23,541	22,251
660	585	86,757	75,126	13,799	11,480
124	152	41,610	35,862	6,417	5,645
37	35	3,340	2,826	7,211	8,289
334	352	5,919	5,394	17,362	19,491
123	157	21,406	19,560	13,035	13,237
652	667	7,218	6,191	38,119	36,686
379	412	3,511	2,436	8,029	9,293
180	152	11,014	8,700	7,783	7,549
1,072	185	5,229	4,021	58,253	52,141
194	194	8,922	7,109	39,080	40,911
449	469	32,524	29,390	26,656	26,990
564	447	12,458	7,337	35,497	36,975
156	162	11,311	10,370	26,315	23,796
868	1,167	1,043	853	7,552	7,665
268	286	31,397	26,581	36,303	35,655
237	229	4,208	3,276	25,029	29,860
439	289	8,667	7,650	21,142	20,464
243	194	3,189	2,449	9,158	10,215
284	326	9,185	7,667	6,868	7,345
295	520	22,398	21,131	15,169	14,518
207	256	37,667	29,833	35,141	36,868
316	362	7,730	6,380	26,693	29,776
298	230	15,048	12,704	8,011	2,976
970	1,135	8,086	7,288	26,341	28,119
397	263	31,510	25,277	7,886	6,580
590	767	13,879	11,792	28,916	27,826
285	259	16,674	15,643	33,791	28,438
372	382	7,934	8,944	30,620	30,124
265	279	56,785	51,976	30,447	30,974
34,253	36,581	1,888,365	1,627,904	1,972,786	1,972,645

AUDITOR OF STATE.

DIVISION OF BUREAU OF ACCOUNTING.

The work of the bureau, divided as it is into four distinct departments—state, municipal, county and school and township—results in a careful scrutiny of the affairs of every public office and board in the state of Ohio. The state examiners in the field not only audit and inspect the accounts of the various public officers and boards, but they also scrutinize all official transactions for the purpose of observing whether or not the laws governing have been complied with, as it is their sworn legal duty to do. This, since the establishment of the bureau, has very greatly promoted official efficiency and general uniformity of proper procedure in the conduct of the public's business. Our examiners take pleasure in instructing the officials with whom they come in personal contact, and they come in contact with nearly all of them, and their work in this respect has come to be recognized as of so great value as to render their coming, in almost every instance, to be most heartily welcomed. In fact, the bureau is frequently requested to send its examiners before the regular inspection is due because of the desire of some officials to better learn the details of the work of their offices. Especially is this true of newly installed officials, and it not infrequently happens that an outgoing officer wishes to be checked up when retiring from office.

COLLECTION OF FINDINGS.

The findings made by the bureau of inspection and supervision of public offices from July 1, 1902, to November 15, 1913, approximate \$3,500,000.00; since November 15, 1913, to the present time they exceed a half million dollars.

These findings are contained in a large number of reports of examiners and in this form are very cumbersome and hard to handle. It became necessary to devise a system of accounting and the bureau of inspection and supervision of public offices devised two forms of account books, one for the period from the beginning of the bureau to the beginning of your administration, and the other from the beginning of your administration to the present time. In these books are to be entered a tabulation of the findings and list of the payments, and they are arranged so that the exact amount of findings in any taxing district and the payments thereon can be ascertained at a glance.

Entering the findings requires a vast amount of work, and one stenographer has been kept busy during the past year entering these findings and has just finished entering the findings made during your administration. The findings made prior to this are now being taken up and will be entered as quickly as possible.

A tabulation of the findings and collections made during your administration is as follows:

County.	Findings.	Credit.
Adams	\$2,156 99	\$33 84
Allen	919 42	392 35
Ashland	773 56	319 87
Ashtabula	3,197 50	199 07
Athens	4,675 77	3,755 53
Auglaize	210 28	65 29
Belmont	1,608 78	1,528 83
Brown	1,179 63	2 75
Butler	4,136 69	1,185 15
Carroll	936 86	395 62
Champaign	3,068 22	2,344 51
Clark	14,453 99	6,475 29
Clermont	5,145 00	2,347 95
Clinton	288 45	210 31
Columbiana	7,145 68	4,812 12
Coashocton	411 06	312 35
Crawford	448 08	197 04
Cuyahoga	20,234 76	646 48
Darke	10,498 89	4,496 90
Defiance	6,537 69	3,296 02
Delaware	825 62	785 07
Erie	2,695 10	333 70
Fairfield	1,057 95	1,087 30
Fayette	9,700 72	82 30
Franklin	10,572 42	10,348 32
Fulton	483 45	177 18
Gallia	1,553 37	85 01
Geauga	333 66	225 31
Greene	1,294 92	871 94
Guernsey	1,615 95	785 07
Hamilton	225,567 25	103,814 54
Hancock	617 26	241 05
Hardin	2,012 49	685 82
Harrison	232 72	183 76
Henry	2,995 76	43 00
Highland	296 91	139 53
Holmes	102 12	56 18
Huron	3,583 02	1,539 37
Jackson	8,734 51	333 05
Jefferson	15,793 72	379 47
Knox	630 36	320 81
Lake	1,525 72	637 60
Lawrence	2,734 12	61 72
Licking	11,261 23	3,507 73
Logan	2,372 65	1,403 30
Lorain	2,190 34	583 58
Lucas	151,820 70	171 70
Madison	861 02	432 50
Mahoning	6,076 34	921 72
Marion	8,463 56	445 86
Medina	505 15	56 22
Meigs	164 69	.....
Mercer	4,257 96	870 88
Miami	1,110 44	309 72
Monroe	4,058 08	2,094 82
Montgomery	30,583 61	276 01
Morgan	3,571 11	3,349 73
Morrow	303 22	136 14
Muskingum	3,265 67	1,696 77
Noble	439 58	315 50
Ottawa	2,229 29	.....
Paulding	2,357 77	852 00
Perry	478 80	.....
Pickaway	1,488 91	467 23
Pike	10,195 42	920 73
Portage	5,695 79	331 50
Putnam	3,645 71	10 50
Preble	1,805 38	17 60
Richland	409 82	1 10
Ross	2,268 58	24 68
Sandusky	715 00	53 22
Scioto	595 75	93 54
Seneca	482 98	.....
Shelby	1,822 63	78 20
Summit	8,229 89	792 45
Stark	350 75	98 32
Trumbull	867 39	387 97

County.	Findings.	Credit.
Tuscarawas	\$1,833 48	\$192 17
Union	1,067 52	420 41
Van Wert	1,367 99	700 69
Vinton	1,277 57	1,141 21
Warren	848 94	327 04
Washington	8,323 98	1,291 56
Wayne	912 90	212 42
Williams	444 24	94 88
Wood	1,276 36	536 62
Totals	\$675,924 69	\$181,901 70

REPORT OF THE TREASURER OF STATE

The treasury department herewith submits its report for seven and one-half months beginning November 16, 1914, and ending June 30, 1915, conforming to the law changing the fiscal year from November 15 to June 30 of each year, showing receipts, disbursements, balances and detailed statements in relation thereto, for the period ending June 30, 1915.

FINANCIAL STATEMENT.

The balance in the state treasury at the beginning of November 16, 1914, was \$8,166,480.32. The receipts from all sources, exclusive of the insurance fund, during the seven and one-half months beginning November 16, 1914, and ending June 30, 1915, were \$11,542,438.22, making a total of \$19,708,918.54 to be counted for. Disbursements for the same period were \$12,043,150.57, which leaves a balance on hand at the close of the period, June 30, 1915, of \$7,665,767.97.

Of the above amount, the balance on hand November 16, 1914, to the credit of the general revenue fund was \$4,922,530.73. Receipts during the seven and one-half months were \$9,719,263.92, and disbursements, \$9,218,075.65; leaving a balance to the credit of the general revenue fund at the close of June 30, 1915, of \$3,980,812.82. The balance to the credit of the sinking fund is \$84,420.83, common school fund, \$704.87; university fund, \$349,262.95; highway fund, \$2,936,762.80; liquor license fund, \$285,551.91; section 16, special school fund, \$30,463.00; making a total balance of \$7,665,767.97.

DISTRIBUTION.

Inactive State Depositories	\$7,471,500 00
Three Active State Depositories	149,898 23
Reserve in Treasurer's Vault	10,000 00
Sundry Cash Items	34,369 74
Total	\$7,665,767 97

STATE INSURANCE FUND.

The balance to the credit of the state insurance fund at the beginning of the seven and one-half months, November 16, 1914, was \$2,343,077.89. Receipts for seven and one-half months ending June 30, 1915, were \$1,763,729.47; making a total of \$4,106,807.36 to be accounted for. Disbursements for same period were \$1,471,192.56, leaving a balance at the close of period ending June 30, 1915, of \$2,635,614.80.

DISTRIBUTION.

Inactive State Depositories	\$1,907,700 00
Active Depositories	232,718 30
Ohio Bonds, County and Municipal.....	495,196 50
Total	\$2,635,614 80

The insurance fund receipts for the period have exceeded the disbursements by \$292,536.91, which shows a steady increase, and the surplus will soon reach the three million-dollar mark.

INTEREST.

The state funds are deposited in state and national banks and building and loan associations, the latter being permitted to receive money under a special act of the legislature, and only those which were in the flooded districts of 1913.

Interest received on state funds for the seven and one-half months ending June 30, 1915, amounts to \$191,833.17. Interest received on state insurance fund for the same period is \$51,990.81, making a total of \$243,823.98.

From the above figures it would show the state is getting close to \$500,000.00 a year in interest on both funds, or enough money in one year to pay the running expense of the treasury department for more than fifteen years.

The state is drawing interest on more than \$5,000,000.00 at 4 per cent. and over, distributed as follows:

BANKS.

	\$50,000 00.....	4.30%
	70,000 00.....	4.25%
	25,000 00.....	4.20%
	205,000 00.....	4.15%
	683,000 00.....	4.10%
	598,000 00.....	4.05%
	150,000 00.....	4.01%
	2,113,000 00.....	4 %
Total Banks	\$3,894,000 00	
Building & Loan Associations	1,428,500 00.....	4 %
Total	\$5,332,500 00	

It becomes more apparent each day that the bonds of all elective and appointive state officials, except the treasurer of state, should be filed in the treasury department and the law should be changed to make this possible.

The enormous amount of securities held by the treasurer of state, which is increasing each day, taxes the capacity of the vault to the limit, and it will be necessary in the near future to make changes that will enable the state to take care of this feature of the business.

This report shows itemized statement of receipts by departments, but does not show the expenditures of the different departments. The auditor of state in his report shows the actual disbursements and balances of each department, and it would be a duplication to have same in this report. Owing to the fact that the amount of outstanding warrants aggregate \$500,000.00, it would be impossible for this department to show an accurate expenditure of each department, and I regard it a waste of time and money in printing same.

STATEMENT No. 15.

STATEMENT OF RECEIPTS FROM THE COUNTIES OF OHIO IN SETTLEMENT OF TAXES FOR THE FISCAL PERIOD ENDING JUNE 30, 1915.

Counties.	General Revenue.	Sinking Fund.	Common School Fund.	University Fund.	Highway Fund.	Total.
Adams	\$60 22	\$16 64	\$365 99	\$615 54	\$1,996 35	\$3,054 74
Allen	144 02	115 08	2,531 66	4,257 79	13,809 09	20,857 04
Ashland	55 89	55 76	1,227 24	2,063 99	6,694 06	10,096 94
Ashtabula	190 23	120 74	2,656 04	4,466 97	14,487 43	21,921 41
Athens	234 08	41 74	918 10	1,544 07	5,007 82	7,745 81
Auglaize	225 20	60 10	1,323 36	2,223 98	7,212 88	11,044 52
Belmont	187 01	103 42	2,275 25	3,826 56	12,410 45	18,802 69
Brown	60 71	31 07	683 62	1,149 73	3,728 84	5,653 97
Butler	647 74	156 53	3,442 18	5,784 99	18,766 86	28,798 30
Carroll	38 32	22 32	491 01	825 81	2,678 28	4,055 74
Champaign	4,973 18	59 43	1,307 38	2,198 77	7,131 15	15,669 91
Clark	424 41	127 00	2,793 98	4,698 95	15,239 84	23,284 18
Clermont	948 24	36 17	795 69	1,338 22	4,340 19	7,458 51
Clinton	801 64	47 04	1,032 72	1,736 82	5,632 98	9,251 20
Columbiana	349 79	119 37	2,626 07	4,416 57	14,324 01	21,835 81
Coshocton	77 28	46 83	1,030 37	1,730 89	5,618 19	8,503 56
Crawford	88 22	74 90	1,647 74	2,771 22	8,987 74	13,569 82
Cuyahoga	21,735 16	1,447 14	31,837 14	53,544 28	173,657 12	282,220 84
Darke	466 94	95 52	2,101 33	3,534 06	11,461 82	17,659 67
Defiance	610 37	53 36	1,173 86	1,974 22	6,402 88	10,214 69
Delaware	66 13	56 22	1,236 60	2,079 73	6,745 20	10,183 88
Erie	103 01	89 03	1,958 58	3,293 99	10,693 19	16,127 80
Fairfield	104 78	81 85	1,800 68	3,028 43	9,821 92	14,837 66
Fayette	52 90	50 13	1,103 04	1,855 12	6,016 61	9,077 80
Franklin	40,420 48	442 31	9,730 47	16,364 87	53,075 27	120,033 40
Fulton	58 18	53 69	1,181 33	1,986 79	6,443 63	9,723 62
Gallia	62 62	19 19	422 09	709 89	2,302 32	3,516 11
Geauga	35 68	23 30	510 96	857 54	2,781 99	4,209 47
Greene	6,392 65	60 78	1,337 09	2,243 75	7,293 25	17,332 52
Guernsey	199 96	50 87	1,118 87	1,881 71	6,102 78	9,354 19
Hamilton	21,248 07	928 70	20,431 25	34,361 66	111,443 24	188,412 92
Hancock	92 11	127 06	2,795 18	4,701 01	15,246 50	22,961 86
Hardin	73 97	71 32	1,568 97	2,638 71	8,557 99	12,910 96
Harrison	46 40	37 94	834 61	1,403 66	4,553 43	6,875 04
Henry	60 94	52 95	1,164 87	1,959 10	6,353 82	9,591 68
Highland	192 48	41 51	913 18	1,535 82	4,981 01	7,664 00
Hocking	57 54	29 16	991 31	1,078 56	3,498 04	5,654 61
Holmes	43 55	31 53	693 86	1,166 91	3,784 62	5,720 47
Huron	387 91	78 70	1,731 18	2,911 53	9,442 76	14,553 08
Jackson	74 91	23 65	520 36	875 13	2,838 29	4,332 84

STATEMENT No. 15—Concluded.

Counties.	General Revenue.	Sinking Fund.	Common School Fund.	University Fund.	Highway Fund.	Total.
Jefferson	\$159 18	\$107 13	\$2,356 77	\$3,963 66	\$12,855 15	\$19,441 89
Knox	383 71	62 34	1,371 36	2,306 37	7,480 15	11,603 93
Lake	744 80	77 50	1,705 19	2,867 82	9,301 08	14,696 40
Lawrence	96 08	38 86	854 85	1,437 68	4,662 78	7,090 25
Licking	579 08	118 75	2,612 61	4,393 94	14,250 62	21,955 00
Logan	73 18	57 02	1,254 28	2,109 46	6,841 49	10,335 43
Lorain	1,456 00	174 38	3,836 42	6,452 16	20,925 95	32,844 91
Lucas	11,057 52	377 30	8,300 90	13,960 61	45,277 64	78,973 97
Madison	2,295 93	54 88	1,207 35	2,030 55	6,585 56	12,174 27
Mahoning	282 64	299 27	6,583 81	11,072 75	35,911 66	54,150 13
Marion	82 64	76 83	1,690 11	2,842 46	9,218 78	13,910 82
Medina	190 77	53 91	1,185 96	1,994 58	6,486 92	9,894 14
Meigs	62 26	27 40	602 80	1,013 81	3,288 00	4,994 27
Mercer	66 99	54 65	1,202 26	2,021 98	6,557 79	9,903 67
Miami	1,904 04	90 00	1,980 09	3,330 17	10,800 51	18,104 81
Monroe	58 98	27 92	614 27	1,033 09	3,350 54	5,084 80
Montgomery	1,276 96	349 34	6,716 58	10,160 85	33,436 24	51,939 97
Morgan	231 91	19 46	427 93	719 71	2,334 20	3,733 21
Morrow	70 46	33 32	733 22	1,233 14	3,999 37	6,069 51
Muskingum	476 06	86 65	1,906 42	3,206 24	10,398 63	16,074 00
Noble	500 30	20 55	452 24	760 58	2,466 74	4,200 41
Ottawa	59 85	59 63	1,311 78	2,206 19	7,155 17	10,792 62
Paulding	55 28	57 09	1,254 70	2,108 57	6,839 29	10,314 93
Perry	112 69	38 21	839 94	1,412 60	4,581 51	6,984 95
Pickaway	361 08	65 40	1,436 00	2,411 57	7,822 88	12,096 93
Pike	38 22	16 11	354 31	595 88	1,904 96	2,909 48
Portage	73 71	66 28	1,458 07	2,452 22	7,893 95	11,944 23
Preble	353 94	53 41	1,175 07	1,976 25	6,409 47	9,968 14
Putnam	72 91	56 76	1,248 75	2,100 17	6,811 36	10,289 95
Richland	866 02	86 63	1,905 82	3,205 25	10,395 38	16,459 10
Ross	513 21	64 10	1,410 13	2,371 58	7,691 64	12,050 66
Sandusky	1,140 17	82 95	1,824 79	3,068 97	9,953 40	16,070 28
Scioto	174 61	70 86	1,559 28	2,622 47	8,212 94	12,640 16
Seneca	706 27	92 56	2,036 15	3,424 44	11,106 29	17,365 71
Shelby	73 56	51 96	1,143 03	1,922 38	6,234 75	9,425 68
Stark	1,612 99	232 60	5,117 24	8,606 28	27,912 31	43,481 42
Summit	1,151 46	254 76	5,604 57	9,425 87	30,570 42	47,007 98
Trumbull	128 64	127 47	2,804 51	4,716 87	15,297 30	23,074 59
Tuscarawas	138 78	95 83	2,108 00	3,545 27	11,498 19	17,386 07
Union	53 18	49 25	1,083 45	1,822 16	5,909 71	8,917 75
Van Wert	2,934 96	68 44	1,505 70	2,532 31	8,212 92	15,254 33
Vinton	31 84	12 91	283 94	477 51	1,548 69	2,354 89
Warren	806 18	49 17	1,081 77	1,819 34	5,900 56	9,657 82
Washington	209 08	60 97	1,341 51	2,256 17	7,317 33	11,185 06
Wayne	716 19	89 51	1,969 16	3,811 78	10,740 92	16,827 56
Williams	61 30	55 25	1,215 52	2,044 28	6,630 10	10,006 45
Wood	267 90	118 11	2,588 42	4,370 07	14,173 19	21,527 69
Wyandot	50 50	51 43	1,131 35	1,902 74	6,171 04	9,307 06
Total	\$136,906 93	\$9,515 16	\$208,702 59	\$349,262 95	\$1,132,860 31	\$1,837,247 94

STATEMENT No. 16.

STATEMENT OF PAYMENTS IN SETTLEMENT OF TAXES TO THE COUNTIES OF OHIO DURING THE FISCAL PERIOD ENDING JUNE 30, 1915.

Counties.	Sinking Fund.	Common School.	Total.
Adams	\$821 02	\$6,679 00	\$7,500 02
Allen	2,513 09	16,603 00	19,116 09
Ashland	1,559 12	5,543 00	7,102 12
Ashtabula	759 57	16,583 00	17,342 57
Athens	3,178 73	14,276 00	17,449 73

STATEMENT No. 16—Continued.

Counties.	Sinking Fund.	Common School.	Total.
Auglaize	\$4,466 88	\$9,068 00	\$13,534 88
Belmont	8,530 65	23,390 00	31,920 65
Brown	772 46	6,284 00	7,056 46
Butler	8,888 50	19,639 00	28,527 50
Carroll	3,900 25	4,028 00	7,928 25
Champaign	1,357 92	6,131 00	7,488 92
Clark	1,927 60	18,631 00	20,558 60
Clermont	919 85	7,483 00	8,402 85
Clinton	747 02	6,077 00	6,824 02
Columbiana	4,768 26	20,737 00	25,505 26
Coshocton	683 78	7,955 00	8,638 78
Crawford	1,785 53	8,468 00	10,253 53
Cuyahoga	8,215 86	179,369 00	187,584 86
Darke	5,469 38	12,633 00	18,102 38
Defiance	1,980 18	6,919 00	8,899 18
Delaware	587 43	6,520 00	7,107 43
Erie	452 47	9,878 00	10,330 47
Fairfield	3,974 87	10,744 00	14,718 87
Fayette	754 15	6,135 00	6,889 15
Franklin	2,657 91	52,032 00	54,689 91
Fulton	1,920 42	6,352 00	8,272 42
Gallia	1,854 69	6,673 00	8,527 69
Geauga	171 58	3,746 00	3,917 58
Greene	2,069 53	7,560 00	9,629 53
Guernsey	1,240 47	12,829 00	14,069 47
Hamilton	15,617 30	101,501 00	117,118 30
Hancock	2,058 09	9,723 00	11,781 09
Hardin	2,557 79	8,521 00	11,078 79
Harrison	5,225 06	4,873 00	10,098 06
Henry	4,034 78	7,184 00	11,218 78
Highland	908 91	7,394 00	8,302 91
Hocking	1,591 34	7,287 00	8,878 34
Holmes	1,242 00	4,908 00	6,150 00
Huron	362 82	7,921 00	8,283 82
Jackson	1,047 22	8,371 00	9,418 22
Jefferson	8,702 69	19,139 00	27,841 69
Knox	976 82	7,217 00	8,193 82
Lake	299 65	6,542 00	6,841 65
Lawrence	1,950 83	12,615 00	14,565 83
Licking	1,307 17	13,896 00	15,203 17
Logan	2,360 90	7,496 00	9,856 90
Lorain	940 62	20,536 00	21,476 62
Lucas	4,319 83	52,450 00	56,769 83
Madison	679 65	5,529 00	6,208 65
Mahoning	3,756 51	32,463 00	36,219 51
Marion	893 14	9,471 00	10,364 14
Medina	271 48	5,927 00	6,198 48
Melba	1,241 06	7,237 00	8,478 06
Mercer	4,814 46	8,464 00	13,078 46
Miami	3,560 03	11,479 00	15,039 03
Monroe	2,647 88	6,837 00	9,484 88
Montgomery	15,216 56	37,985 00	53,201 56
Morgan	3,664 99	3,993 00	7,657 99
Morrow	1,992 66	4,248 00	6,240 66
Muskingum	3,596 45	13,992 00	17,588 45
Noble	1,369 69	5,316 00	6,685 69
Ottawa	3,084 86	6,437 00	9,521 86
Paulding	2,062 59	6,407 00	8,529 59
Perry	1,669 76	10,511 00	12,180 76
Pickaway	3,095 74	6,698 00	9,793 74
Pike	745 40	4,492 00	5,237 40
Portage	375 00	8,037 00	8,412 00
Preble	4,625 67	5,785 00	10,410 67
Putnam	3,084 22	8,637 00	11,721 22
Richland	2,333 73	11,937 00	14,270 73
Ross	2,072 00	10,383 00	12,455 00
Sandusky	2,093 69	9,076 00	11,079 69
Scioto	2,364 00	15,140 00	17,504 00
Seneca	4,007 04	10,859 00	14,946 04
Shelby	4,590 03	6,912 00	11,502 03

STATEMENT No. 16—Concluded.

Counties.	Sinking Fund.	Common School.	Total.
Stark	\$4,588 84	\$34,248 00	\$38,836 84
Summit	2,097 86	33,814 00	35,911 86
Trumbull	692 01	15,168 00	15,860 01
Tuscarawas	1,606 06	16,437 00	18,043 06
Union	719 73	5,855 00	6,574 73
Van Wert	2,327 01	8,006 00	10,333 01
Vinton	1,862 90	3,900 00	5,762 90
Warren	6,450 35	6,298 00	12,748 35
Washington	3,713 98	12,246 00	15,960 98
Wayne	4,957 68	9,894 00	14,851 68
Williams	2,641 46	6,285 00	8,926 46
Wood	5,189 75	12,865 00	18,054 75
Wyandot	4,630 97	5,306 00	9,936 97
Totals	\$256,029 78	\$1,271,298 00	\$1,527,327 78

STATEMENT No. 25.

GENERAL SUMMARY OF CASH AND SECURITIES ON HAND AT CLOSE
OF FISCAL PERIOD ENDING JUNE 30, 1915.

CASH.

General Funds—

In Inactive Depositories	\$7,471,500 00	
In Active Depositories	149,898 23	
In Treasurer's Safe	10,000 00	
In Cashier's Safe	34,369 74	
		\$7,665,767 97

Insurance Fund—

In Inactive Depositories	\$1,907,700 00	
In Active Depositories	232,718 30	
Bond Account	495,196 50	
		2,635,614 80

Cash Held in Trust by Order of the Court	813 36
Receipts Under the Torrens Law	1,185 13
Total	10,303,381 26

SECURITIES.

General Funds—

Inactive Account	\$9,100,195 06	
Active Account	456,614 27	
		9,556,809 33

State Insurance Fund (State)—

Inactive Account	\$1,979,503 52	
Active Account	288,500 00	
		2,268,003 52

Deposited by Savings and Trust Companies	4,844,101 32
Deposited by Superintendent of Insurance	10,249,689 71
Held to Secure Circulation—Free Banks	31,798 00

STATEMENT No. 25—Concluded.

Held to Secure Circulation—Independent Banks.....	59,177 00
Held in Trust—Industrial Commission Bonds.....	10,000 00
Total	<u>\$27,016,578 88</u>
Public Debt of Ohio at the Close of the Fiscal Period Ending June 30, 1915—	
Canal Loan—Not Bearing Interest.....	\$1,655 00

THE STATE LEVY FOR DUPLICATE OF 1915.

For Sinking Fund	.0025 Mills
For University Fund	.0925 Mills
For State Common School Fund	.055 Mills
Highway Fund	.3 Mills
Total	<u>.4500 Mills</u>

REPORT OF THE ATTORNEY GENERAL

COVERING PERIOD FROM JANUARY 11, 1915, TO JUNE 30, 1915,
BOTH INCLUSIVE.

FILED IN ACCORDANCE WITH SECTION 2 OF AMENDED SENATE BILL NO. 158-
106 O. L., 508, 517.

The report of the attorney general of Ohio herewith submitted covers the period beginning on January 11, 1915, and ending on June 30, 1915, both inclusive.

The last report of my predecessor covered the period for the calendar year 1914 and up to and including January 10, 1915.

Following the custom that has prevailed in previous reports, this report will be subdivided and will cover the following matters:

I. The condition of the department on January 11, 1915, and the changes made therein during the period above mentioned.

II. A brief statement of the work of the department during the said period, and a brief statement of the law laid down in important cases decided during said period.

III. Report of the Willis law department.

IV. Summary of actions and prosecutions pending and disposed of.

In this report there will be no statement as to appropriations to and expenditures of the department, for the reason that under the provisions of section 2264-1, G. C. (106 O. L., 508) receipts and disbursements are specifically excepted from reports made under Amended Senate Bill No. 158.

It had been the custom of former attorneys general to appoint a number of special counsel for various localities in the state, but not deeming said practice advisable, I discontinued the same, except as to the cities of Cleveland and Cincinnati. In said cities it had been customary to appoint two special counsel, but in place thereof I have appointed but one in each such city.

Substantial reductions have been made, not only in the number of appointments but in the salaries attached to the positions, in cases where the same were not regulated by statute; but the lengthening of the office hours has enabled the reduced force to perform the work of the department promptly and efficiently. By reason of the reduction in salaries and the exercise of great care in the matter of all expenditures, it has been possible to conduct the work of the department at a saving, for the period above mentioned, of about \$4,900.00 a month. Such saving, however, has not in any way impaired the efficiency of the department.

I.

CONDITION OF THE DEPARTMENT.

Upon assuming office I found that my predecessor, Honorable Timothy S. Hogan, had disposed of all pending requests for opinions, other than those the disposition of which he did not have time to make. All other work in the department had been completed so far as possible, and practically the only unfinished business turned over was that of pending cases and other matters which, of necessity, could not be completed at that time.

No substantial change has been made in the manner of conducting the office.

In order that the files of this department may be more carefully kept, I have had installed in the office some filing cases that give more ready access to their contents, and have also caused to be placed in the office better lighting facilities than had been theretofore in said office.

II.

WORK OF THE DEPARTMENT.

The work of the department has not in any way diminished since I took office, but has been as active as theretofore, both in its advisory capacity and in the trial of cases.

During the session of the legislature I was in constant consultation with different members thereof, advising them on the various matters upon which my advice was sought, and a great deal of my time and that of my associates was consumed in such work.

Upon an examination of the General Code, I discovered that numerous errors had occurred in assigning code section numbers to the acts of the legislature in past years, and in order to avoid the same so far as possible in the future, I assigned one of my assistants to this particular work, that the general idea of the code might be carried out in the assigning of code numbers to the various sections of the laws as they were passed.

Quite a considerable part of the time of this department was also taken up in co-operating with committees appointed by the general assembly for special investigations. Special mention should be made of the following:

LEGISLATIVE INVESTIGATION OF STATE BANKING
DEPARTMENT.

Pursuant to the provisions of House Joint Resolution No. 4, providing for an investigation of the conduct of the affairs of the department

of banks and banking by a joint committee of the senate and house of representatives, assisted by the attorney general's department, on the second of February, 1915, I assigned the first assistant attorney general to perform such services as might be properly required by the committee in the conduct of the investigation.

The first public session of the committee was held on February 3, 1915, and for several weeks thereafter sessions were held during a majority of the forenoons of the days on which the legislature was in session and also numerous evening sessions were held. The examination of all witnesses was conducted by this department, and practically the entire time of the first assistant was taken up in the preparation and presentation of evidence before the committee. As a result of this investigation a number of amendments to the banking laws of Ohio were prepared, introduced and passed by the general assembly. All of these amendments were designed to correct and prevent the abuse which this investigation disclosed. The testimony taken by the committee, consisting of almost a thousand typewritten pages, was transcribed in duplicate and a copy filed with both the senate and house of representatives.

Although I discontinued a special counsel in connection with the auditor of state's office to enforce the findings of the bureau of inspection and supervision of public offices, yet the work in that regard has been in no way neglected. The clerk in the auditor of state's office has not kept the books in such a way as to distinguish the work that was done between January 11, 1915, and June 30, 1915. Due to the combined efforts of this department and that of the auditor of state, collections have been made of findings of the bureau of inspection and supervision of public offices, from November 16, 1914, to June 30, 1915, as follows:

County	\$92,844 43
City	110,972 37
Schools and Township	2,453 96
Total	\$206,270 76

INDUSTRIAL COMMISSION MATTERS.

During the period covered by this report this department has attended to a great many matters for the industrial commission, involving the collections of premiums from delinquent contributors and also involving the collection of awards made by the commission against parties who failed to voluntarily contribute to the state insurance fund, the actions brought in the above matters being under the provisions of sections 1465-74 and 1465-100 of the General Code.

OPINIONS.

I discovered on taking over the work of the department, that it had been customary for the attorney general to render opinions to city solicitors and, in special instances, to county and township officials. In my view of the law the attorney general is not authorized to render opinions or to give advice to other than state officials and state boards and departments and to prosecuting attorneys, and I, therefore, immediately determined not to render any opinions to those who were not entitled to receive the same.

In order to prevent confusion and misunderstanding, I adopted a rule requiring all requests for official opinions to be in writing, and that all opinions rendered should be in writing and a careful record made of the same.

I continued the custom established by my predecessor that all opinions should be passed upon by myself and associates, and established the hours of eight to ten o'clock each day for the consideration thereof. These daily conferences are attended by the attorney general, his assistants and all special counsel, thus securing for each opinion the combined consideration and approval of the entire department.

A special effort has been made to secure promptness in the rendition of opinions, with due regard to accuracy, and this effort has secured very satisfactory results.

During the period covered by this report there have been rendered by this department five hundred and sixty-three written opinions.

III.

WILLIS LAW DEPARTMENT.

I did not appoint a special counsel to take charge solely of the Willis law department, but assigned such work to one of the regular special counsel. During the period covered by this report the Willis law department collected the sum of \$147,457.56, which is made up of franchise and excise taxes collected from domestic and foreign corporations and public utilities, and also the collection of miscellaneous accounts that were certified to the attorney general's department by the auditor of state, under the provisions of section 268, of the General Code. This department of the attorney general's office has been very active during this period, and it has been its endeavor to collect in all of the accounts that have been certified to it, not only for Willis law taxes and penalties, but also the various miscellaneous accounts that are certified by the auditor of state, as well as the accounts that are certified direct from the Industrial Commission of Ohio to this department for the collection of unpaid premiums due the state insurance fund.

A more detailed statement of the collections is as follows:

COLLECTIONS OF ATTORNEY GENERAL'S OFFICE.

From January 11 to June 30, 1915,

For years prior to 1911—			
38 Domestic corporations paid franchise fees.....	\$3,868 67		
Penalties	371 71		
		\$4,240 38	
2 Foreign corporations paid franchise fees.....	\$539 98		
Penalties	63 38		
		603 36	
1 Public utility paid excise tax.....	\$0 29		
Penalty	04		
		0 33	
For the year 1911—			
72 Domestic corporations paid franchise fees.....	\$2,590 20		\$4,844 07
Penalties	355 53		
		\$2,945 73	
3 Foreign corporations paid franchise fees.....	\$162 30		
Penalties	24 35		
		186 65	
1 Public utility paid excise tax.....	\$10 00		
Penalty	1 50		
		11 50	
For the year 1912—			
102 Domestic corporations paid franchise fees.....	\$3,672 47		3,143 88
Penalties	463 52		
		\$4,135 99	
3 Foreign corporations paid franchise fees.....	\$282 48		
Penalties	29 63		
		312 11	
4 Public utilities paid excise taxes.....	\$2,720 34		
Penalties	1 50		
		2,721 84	
For the year 1913—			
155 Domestic corporations paid franchise fees.....	\$5,994 94		7,169 94
Penalties	793 54		
		\$6,788 48	
8 Foreign corporations paid franchise fees.....	\$902 03		
Penalties	44 98		
		947 01	
4 Public utilities paid excise taxes.....	\$603 96		
Penalties	16 49		
		620 45	
For the year 1914—			
429 Domestic corporations paid franchise fees.....	\$31,577 77		8,355 94
Penalties	4,202 98		
		\$35,780 75	
53 Foreign corporations paid franchise fees.....	\$38,736 03		
Penalties	354 63		
		39,090 66	
22 Public utilities paid excise taxes.....	\$11,683 03		
Penalties	1,692 68		
		13,375 71	
60 Domestic corporations paid reinstatement fees.....	\$8,000 00		88,247 12
16 Corporations dissolved and retired and paid fees.....	80 00		
2 Foreign corporations qualified to do business in Ohio and paid—			
Fees under 178, General Code.....	\$35 00		
Fees under 183, General Code.....	135 00		
		170 00	
		6,250 00	
MISCELLANEOUS ACCOUNTS.			
Certified from department			\$118,010 95
Of Adjutant General—			
6 Accounts paid	\$1,113 91		
Of Auditor of State—			
1 Account paid	143 50		
Of Board of Administration—			
87 Accounts paid	14,472 45		
Of Commission for the Blind—			
1 Account paid	3 87		
Of Insurance Department—			
6 Accounts paid	1,051 11		
Of Industrial Commission for State Liability Insurance fund—			
86 Accounts paid	6,375 11		
Of Ohio State University—			
1 Account paid	30 00		
Of Treasurer of State—			
7 Accounts paid	5,956 60		
		\$29,146 55	
Refund of court costs—			
2 Accounts paid	300 06		
		29,446 61	
Total collections.....			\$147,457 56

IV.

SUMMARY OF ACTIONS AND PROSECUTIONS PENDING AND
DISPOSED OF.

From January 11, 1915, to June 30, 1915, the department has disposed of 105 cases in the courts of record. There are still pending 85 cases in said courts. The total number of cases handled by the department in the courts of record, during the above period, is 190 cases.

During the same period the department has handled 139 criminal prosecutions for misdemeanors and civil suits in courts other than courts of record for the various departments, as follows:

	No. Cases.
Agricultural Commission—Pharmacy—Dairy and Food-----	31
Agricultural Commission—Fish and Game -----	27
Dental Board -----	7
Industrial Commission—Censor Board -----	2
Industrial Commission—Workmen's Compensation -----	26
Industrial Commission—Workshops and Factories -----	2
Liquor Licensing Board -----	39
Medical Board -----	5
Total -----	139

The cases disposed of and pending in the courts of record on June 30, 1915, may be summarized as follows:

	Cases Disposed of.	Cases Pending.
United States Supreme Court -----	4	---
United States Circuit Court of Appeals-----	---	3
United States District Court -----	5	3
Supreme Court of Ohio -----	23	17
Court of Appeals -----	12	22
Common Pleas Court -----	55	40
Other Courts of Record -----	6	---
Total -----	105	85

REPORT OF THE INDUSTRIAL COMMISSION OF OHIO

Prior to June 30, 1915, the fiscal year began on the 16th day of November and ended with the 15th day of November of the following year. The general assembly, at its regular session held in 1913, passed an act by the terms of which, on and after June 30, 1915, the fiscal year should begin on the 1st day of July of each year, and end on the last day of June of the succeeding year, and all annual reports of state officers, departments, commissions, boards and institutions of the state should be made as of those dates.

This applies to the Industrial Commission of Ohio, and for this reason the second annual report herein contained will cover only the period from November 15, 1914, the ending of the previous fiscal year, to June 30, 1915, the new date established for all state departments.

The first annual report of the commission covering the period from November 15, 1913, to November 15, 1914, was contained in Bulletin No. 2, Volume II of the commission, issued February 1, 1915.

The organization of the industrial commission embraces the following departments and sub-departments:

1. Executive.
2. Department of Workmen's Compensation—State Insurance.
 - (a) Division of Auditing.
 - (b) Division of Rating.
 - (c) Division of Claims.
3. Department of Inspection.
 - (a) Division of Workshops and Factories.
 - (b) Division of Boiler Inspection.
 - (c) Division of Steam Engineers.
 - (d) Division of Mines.
4. Department of Investigation and Statistics.
 - (a) Division of Investigation and Statistics.
 - (b) Division of Employment Offices.
 - (c) Division of Mediation and Arbitration.
5. Department of Film Censorship.

Owing to the vast amount of work embraced in the proper execution of the powers and duties cast upon the industrial commission by law, the commission has found it expedient to assign to each member of the commission supervision of certain parts of the work. Accordingly, by mutual

agreement of the members of the commission, the supervision of the Workmen's Compensation Department was assumed by the chairman, Wallace D. Yapple; the supervision of the Department of Investigation and Statistics was assumed by the vice-chairman, M. B. Hammond, and that of the Department of Inspection was assumed by Commissioner T. J. Duffy.

The report following will contain brief references to the various departments and sub-departments.

WORKMEN'S COMPENSATION.

The first day of March, 1912, marked the beginning of a new era in this state in the handling of injuries and deaths to workmen resulting from industrial accidents. On that date a workmen's compensation law, elective in form (102 O. L., 524, passed May 31, 1911), was placed in actual operation. This elective law continued in effect until the first day of January, 1914, when it was superseded by the present so-called compulsory law, passed by the general assembly on February 26, 1913 (103 O. L., 72).

June 30, 1915, marks the close of eighteen months' operation of the present workmen's compensation act, which went into full force and effect on January 1, 1914. As time has gone on and the law had an opportunity to work out, it cannot now be questioned but that it has more than fulfilled the expectations of its staunchest supporters, and with very few exceptions now has the endorsement of all of those employers who were opposed to its enactment.

The compensation of injured and the dependents of killed workmen through governmental agency is no longer an experiment. It is now a well recognized function of our state government and is here to stay. Compensation laws are now in force in thirty-one states, and the enactment of laws of this character is now contemplated by several other states.

Ohio employers are satisfied with the present law and few would care to return to the old liability system, with the attendant economic waste, controversy and ill-feeling connected therewith. Still fewer Ohio workmen would want to revert back to the old order of things. The employers of this state are paying less for compensation insurance and full statutory protection, through the medium of their premium payments to the state insurance fund, than they paid to commercial companies for liability insurance and limited protection. Further, Ohio employers are paying less for their compensation insurance than employers in other states having compensation acts, where the liability companies participate in the compensation plan.

Ohio workmen, under the present law, receive a more generous measure of compensation than the workmen of any other state, with the excep-

tion of New York, and their medical expenses to a limit of \$200 are paid in every instance from the state insurance fund, as well as funeral expenses not to exceed \$150 in the event of death.

DIVISION OF CLAIMS.

The Division of Claims for the period covered by this report has been under the immediate supervision and direction of Mr. Harry H. Hamm, director of claims.

The following statement will show the number of claims of all classes reported to the Division of Claims of the Industrial Commission during the period from November 16, 1914, to June 30, 1915:

	Injury Claims.	Death Claims.	Total.
(a) State Insurance Fund—			
No. filed November 15, 1914.....	64,305	357	64,662
No. filed from November 15, 1914, to June 30, 1915.....	35,649	239	35,888
Total	99,954	596	100,550
(b) Public Employees—			
No. filed November 15, 1914.....	640	13	653
No. filed from November 15, 1914, to June 30, 1915.....	672	12	684
Total	1,312	25	1,337
(c) Section 27—			
No. filed November 15, 1914.....	225	25	250
No. filed from November 15, 1914, to June 30, 1915.....	151	14	162
Total	376	39	415
(d) Section 22—			
No. filed November 15, 1914.....	17,419	24	17,443
No. filed from November 15, 1914, to June 30, 1915.....	10,543	49	10,592
Total	27,962	73	28,035
Grand total claims reported as of June 30, 1915.....			130,337

CASES REPORTED IN 1914.

In this connection it might be interesting to note that there were 76,558 cases of injury and death reported to the Division of Claims during the year 1914, same being apportioned as follows:

Character of Claim	Number.
State Insurance Fund	34,528
Public Employee	801
Section 22	20,931
Section 27	298
Total	76,558

It will be remembered that the compulsory compensation act went into full force and effect on January 1, 1914, so that these figures cover the first year's operation under the compulsory statute.

PROMPT PAYMENT OF COMPENSATION.

One of the essential factors in the successful administration of the compensation act is the prompt payment of compensation to the injured employe and to his dependents in case of death. It has, therefore, been the constant endeavor of the commission to eliminate, as far as possible, all sources of delay in the proving and handling of claims, and at this time we believe that claims are being more promptly paid under the Ohio act than under any compensation act now in force in this country.

A daily review is made of the uncompleted claims held in the pending file of the claims division. In those cases where there appears to be an unusual delay in completing the proof, for which no reason can be assigned, the claimant is advised as to the procedure necessary to complete his claim, and in this manner he is kept in close touch with his claim, to the end that proper proof may be presented and his claim considered by the commission at the earliest possible date.

INCREASE IN NUMBER OF CLAIMS.

With the return to a more normal basis of various industrial activities, we find a decided increase in the number of claims filed with the division. For instance, during the month of June, 1915, there was a total of 6,384 claims presented. Prior to this, the largest number of claims presented in one month was 5,524, that number being filed during the month of July, 1914.

The increased efficiency of the division force, brought about by the valuable experience gained during the past year, together with the improved systematization of the work, has enabled the division to handle this increase in the volume of work without any delay whatsoever, and without the employment of additional help.

CAUSES OF ACCIDENTS.

Pursuant to the provisions of section 56 of the compensation act, we submit the following table, showing in general the causes of accidents leading to the injuries which have been reported to the claims division, as above indicated.

This table includes all classes of claims, namely: State Insurance Fund, Public Employe, section 22 and section 27:

Causes to Which Ascribed.	Number of Accidents.	Per Cent. of Total.
Falling and shifting objects.....	15,499	35.2
Machinery	11,622	26.4
Falls	4,550	10.3
Hand tools and similar apparatus.....	3,997	9.1
Nature of material used or similar working conditions.....	3,747	8.5
Carrying, lifting or handling great weights.....	1,135	2.6
Transportation on tracks.....	755	1.7
Animals	581	1.3
Transportation not on tracks.....	513	1.2
Sunstrokes and heat prostration.....	56	.1
Intentional violence of persons not employes.....	41	.1
Suffocation and asphyxiation.....	38	.1
Intentional violence of fellow employes.....	29	.1
Freezing	24	.1
Occupational disease.....	8	(a)
Transportation by water.....	6	(a)
Drowning	4	(a)
Lightning	1	(a)
Not otherwise classified.....	1,445	3.3
Total	44,051	100.0

(a) Less than one-tenth of one per cent.

STATE INSURANCE FUND.

(a) RECEIPTS AND DISBURSEMENTS.

During the period beginning November 15, 1914, and ending June 30, 1915, the receipts covered by premium payments to the state insurance fund amounted to the sum of \$1,686,174.61.

For the same period the disbursements from said fund for compensation, medical, surgical, hospital and nursing services, medicines and funeral expenses, amounted to the sum of \$1,515,883.95.

(b) INTEREST EARNED BY FUND.

Under the provisions of the compensation act, the treasurer of state is made custodian of the state insurance fund. The treasurer has placed the money paid into the fund in the various banks of the state selected as depositories for state funds. During the period from November 15, 1914, to June 30, 1915, the interest earnings in the fund amounted to the sum of \$63,290.52. The total interest from March, 1912, to June 30, 1915, amounted to the sum of \$124,805.24. This amount has been placed to the credit of the state insurance fund and is available for the payment of compensation, etc.

ACTUARIAL DIVISION.

The Actuarial Division for the period covered by this report has been under the immediate supervision and direction of Mr. Emil E. Watson, chief actuary.

STATE RISKS.

On November 15, 1914, there were 15,148 state risks employing 631,447 employes. As of June 30, 1915, there were 16,980 state risks

employing 656,527 employees, thereby making a gain for the period dating from November 15, 1914, to June 30, 1915, of 1,832 employers and 25,080 employees.

SELF-INSURANCE RISKS.

On November 15, 1914, there were 820 self-insurance risks employing 170,846 employees.

Our records indicate that 230 of these employers employing 140,981 employees are bona fide self-insurance risks.

As of June 30, 1915, there were a total of 1,135 self-insurance risks employing 182,822 employees, thereby making a gain for the period dating from November 15, 1914, to June 15, 1915, of 315 employers employing 11,976 employees.

As over the period dating from November 16, 1914, to June 30, 1915, 118 employers employing 7,373 employees transferred from state to self-insurance.

It is impossible to ascertain accurately from our records just how many of these employers made the transfer to become bona fide self-insurers and how many transferred to reinsure with stock companies. The larger companies, however, making this transfer did so to become bona fide self-insurers; for instance, it is known that two of these 118 employers alone and employing a total of 2,255 employees transferred to become bona fide self-insurance risks.

As over the period dating from November 15, 1914, to June 30, 1915, 80 employers employing 4,738 employees transferred from self-insurance to state insurance.

Substantially all of the employers making this transfer were heretofore reinsuring with stock companies.

INVESTMENTS.

Section 11 (1465-58, General Code) of the compensation act provides that the commission "shall have the power to invest any of the surplus or reserve belonging to the state insurance fund in bonds of the United States, the state of Ohio, or of any county, city, village or school district of the state of Ohio." Under the authority vested in it by this section, the commission has, during the time between November 16, 1914, and June 30, 1915, invested the sum of \$282,506.99 in bonds as shown below. During the preceding year the commission invested the sum of \$476,316.50, making a total of \$758,823.49 of the surplus now invested in bonds:

Date of Purchase.	Issued by	Nature of Bonds.	Rate.	Amount.
November 16, 1914.	Montgomery county.	Road improvement.	5 %	\$4,000 00
December 3, 1914.	Columbiana county.	Road improvement.	5 %	3,900 00
December 30, 1914.	Vge. Marble Cliff.	Street improvement.	5 %	17,000 00
April 2, 1915.	Pickaway county.	School bonds.	5 %	20,000 00
April 16, 1915.	Butler county.	School bonds.	5 %	30,000 00
April 30, 1915.	Carroll county.	Public building.	6 %	2,000 00
May 18, 1915.	Washington county.	School bonds.	5 %	12,000 00
May 24, 1915.	Village Bethesda.	Street improvement.	5 1/2 %	9,000 00
May 24, 1915.	Cuyahoga county.	Road improvement.	6 %	5,550 00
May 24, 1915.	Village Pomeroy.	School bonds.	6 %	5,000 00
May 24, 1915.	Village West Park.	Street improvement.	6 %	20,206 99
May 24, 1915.	City of Canton.	Water and sewer imprmnt.	5 %	80,100 00
May 24, 1915.	City of Canton.	Street improvement.	5 1/2 %	5,000 00
May 24, 1915.	Chicago Junction.	Water works.	5 1/2 %	3,000 00
June 1, 1915.	Reynoldsburg.	School bonds.	5 1/2 %	5,000 00
June 1, 1915.	Mt. Vernon.	School bonds.	5 %	50,000 00
June 21, 1915.	Centerburg.	Street improvement.	5 %	3,400 00
June 21, 1915.	Centerburg.	Water works.	5 %	350 00
June 21, 1915.	Carroll county.	Bridge bonds.	6 %	7,000 00
Total				\$282,506 99

PART II.

DEPARTMENT OF INSPECTION.

The Department of Inspection consists of the old Workshops and Factories, Boiler Inspection, Steam Engineers and Mine Departments, and the work in this department has been carried on under the direct supervision of Commissioner T. J. Duffy.

DIVISION OF WORKSHOPS, FACTORIES AND PUBLIC BUILDINGS.

The Division of Workshops, Factories and Public Buildings for the period covered by this report has been under the immediate supervision and direction of Mr. Thomas P. Kearns, chief deputy.

No statistical records of the work done during this period being available at this time, it will be necessary to confine this report to a general outline of the work done in the different lines.

As has been customary in recent years, without neglecting any of the other duties imposed upon the department a greater part of the time has been devoted to factory inspection work, the primary object for which

the department was organized. This is without doubt one of the most important as well as most humanitarian phases of the work, the purpose of which is protection to life, limb, health and morals of our industrial workers.

While it has been possible to accomplish a great deal in this direction, and through persistent efforts, the department has been successful in bringing about a decided improvement in the conditions of our workshops and factories both from a safe and sanitary point of view, no claim is made that the conditions in this respect are entirely satisfactory or that it has been possible to maintain proper standards at all times and in all places. With the varying conditions in the different industries and the changes that are constantly being made, it would be necessary, in order to get the desired results, to make more frequent visits to these establishments and to keep in constant touch with the situation. This it has not been possible to do because of our present inadequate force and the numerous other duties demanding the attention of the department.

Then, too, the inadequacy of the laws and the lack of proper standards by which to be guided, has handicapped to some extent in this work. It is gratifying to know, however, that this trouble will be largely overcome when the code of safety and sanitary standards adaptable to the different industries, which is now in course of preparation by the committees appointed by the commission representing the different lines of industries, assisted by the safety director, is completed. With the completion, adoption and promulgation of these rules, aided by the campaign of education which is now being conducted among the different manufacturing industries of the state, there should be a better understanding and closer co-operation between the employes, employers and the department, which will insure a more effective enforcement of the laws and much more satisfactory results.

During the period which this report covers an inspection of 14,059 factories and factory buildings has been made, and thousands of orders have been issued for changes to improve the conditions as they relate to protection of life, limb and health, most of which have been reported complied with. In addition to making these inspections, numerous revisits were made to confer with employers relative to orders issued, and to ascertain whether or not our orders had been complied with.

MINOR LABOR LAW.

The department has also given careful attention to the enforcement of all the provisions of the minor labor law, and we are pleased to report that in most cases we find that an earnest effort is being made by the employers to observe the provisions of this law. The inspectors' reports indicate that there is not only a very material decrease in the number of

children found illegally employed, but in the total number employed as well, which is due to a better understanding of the law, its intent and purpose, and the persistent efforts of the department to rigidly enforce the same. It was found necessary, however, in a number of instances to bring prosecution to compel proper respect for the provisions of this law. Fifty-three prosecutions were brought, in all of which except one conviction was secured and penalty assessed.

In connection with the enforcement of the minor labor law, attention is called to the fact that some of the worst abuses of child labor were found to exist in the rural communities where many children are employed on truck farms, in the onion and celery patches and similar occupations. As previously reported, in one instance a total of ninety children, ranging in age from six to sixteen years, were found in one of the onion patches working from ten to twelve hours a day. Some of this work is of a laborious as well as unhealthful nature and undoubtedly injurious to these children. The present law does not apply specifically to this kind of employment. The abuse seems to be growing and should be called to the attention of the legislature, so that proper remedial legislation could be enacted.

WOMEN'S FIFTY-FOUR HOUR LAW.

Notwithstanding the ever-broadening scope of women's employment, and the fact that they are found in nearly every class of industry today, no serious difficulty has been experienced in the enforcement of the fifty-four hour law, especially in the manufacturing industries and mercantile establishments to which it applies. Of course, many infractions of the law were found, but in most instances these were of a minor nature and easily adjusted. It was necessary to bring prosecution in but eight cases for violation of this law, in all of which conviction was secured.

In this connection it is worthy of mention that the department has been receiving numerous complaints in regard to the long hours which females are compelled to work in the mercantile establishments located in the smaller cities of the state. The present law exempts mercantile establishments in towns of less than five thousand, and therefore no relief could be given unless the employees in question were under twenty-one years of age, in which case some of the provisions of the minor labor law as they relate to hours of labor would apply. Judging from the number and nature of these complaints, it would seem that the question of amending the law so as to include these establishments is at least worthy of consideration.

PUBLIC BUILDING INSPECTION.

A total of twenty-nine hundred and eighty-seven public buildings were inspected as follows:

Schools	1183
Theaters	444
Halls	498
Churches	415
Hotels, tenements and miscellaneous buildings.....	447

As will be noted a large percentage of the buildings inspected were school buildings. Most of these inspections were made upon complaint or upon request of the different boards of education in the smaller towns, villages and rural communities of the state, where for the past two years there has been a growing tendency to improve the conditions of their schools, as a result of which many needed changes and improvements have been made to their buildings, much to the credit of boards of education and the people and to the advantage of the pupils. The inspection of the other classes of buildings is none the less important, however, from the standpoint of public safety and, as noted by the summary, they have not been neglected, but have received as much time and attention as it was possible to give them under the circumstances.

EXAMINATION AND APPROVAL OF PLANS.

Five hundred and four sets of plans and specifications were examined by the two architects. The plans examined include all types of public buildings and the number of each is given in the following table:

School buildings, public and parochial.....	198
Churches and temporary tabernacles.....	69
Theaters of all classes and air domes.....	80
Heating, ventilating and sanitary systems, all classes of buildings....	98
Miscellaneous, including business and other college buildings, libraries, dormitories, Y. M. C. A. buildings, state institutions, armory buildings, lodge buildings, town halls, court houses jails, etc.	59
Total	504

A comparison with the corresponding period of the preceding year shows an increase of approximately 15 per cent. in the number of plans examined. The number of all plans for building, except schools, will be less than the preceding year, and the increase in this part of the work is almost entirely due to the number of new school buildings built in the past year.

BAKESHOPS.

No part of our work is so closely related to the public health as bake-shop inspection. It is essential in the interest of public health that bakeries be conducted under the best of sanitary conditions and with the utmost

regard for cleanliness. The three men engaged in this work have labored diligently to bring about better sanitary conditions in these establishments. Thirteen hundred and eighty-one of these establishments were inspected and numerous orders issued for changes, most of which pertained to the sanitary conditions and a great majority of these orders have been reported complied with, thus insuring much improved conditions in these establishments.

SUMMARY OF THE WORK DONE.

Number of inspections made from Nov. 16, 1914, to June 30, 1915:

Schools	1,183
Halls	498
Theaters	444
Churches	415
Hotels	130
Tenements	82
Miscellaneous	235
Home Workshops	27
Factories and Factory Buildings	14,059
Bakeshops	1,381
Mercantile Establishments	1,792
High Explosives	20
Total number of inspections made.....	20,266
Total number of revisits made.....	8,755

This is an average of 2,694 inspections per month if the same rate was maintained for the balance of the year, and the total number of inspections for the year would be 32,328, as compared to 26,662 inspections last year, an increase of 5,666 inspections or 21 per cent.

PROSECUTIONS.

There was a total of 62 prosecutions brought for violation of the laws coming under the jurisdiction of this department as follows.

Child Labor—Without schooling certificates.....	29
Under legal age	18
Working over hours	5
Working after 6 p. m.....	1
Women's Fifty-Four Hour Law—Working more than ten hours per day	8
Failure to comply with orders of the department.....	1

In all of these cases, except one, either a plea of guilty was entered or a conviction secured. The total amount of fines assessed was \$1,365.00,

and the total amount of fines paid was \$410.00; amount of costs paid, \$380.35, and the amount of fines suspended, \$405.00. In one case for violation of the building code, which was tried in a justice court, a verdict of guilty was rendered and a fine of \$550.00 assessed, but the case was appealed to the higher courts and is still pending.

REPORT OF SAFETY DIRECTOR.

The work of the new safety director, Victor T. Noonan, was inaugurated on January 13 to 16, 1915, with the opening of the First Industrial Safety Exposition of Ohio, which was held in Memorial Hall, Columbus, more than one hundred and twenty-five companies and corporations from every section of the country taking part.

Fully seventy-five thousand manufacturers and workmen visited the exposition, which was declared to have been the most remarkable accomplishment of its kind ever held in the country. The exposition cost at least five thousand dollars, but only a small part of this was paid by the state. The industrial commission made an appropriation of five hundred dollars toward defraying the expenses, but only three hundred dollars of this amount was used in paying the state's part of the expense of the exposition.

The safety director has since completed plans for the Second Annual Industrial Safety Exposition, which will be held in Cleveland, January 22 to 30, 1916. The Cleveland Chamber of Commerce has given an appropriation of one thousand dollars to secure the rental of Central Armory for the exposition.

A successful exhibit in which fifteen of the largest companies and corporations in the state took part, was presented at the State Fair, August 30 to September 4, 1915. Ohio was the first state in the country to have a safety exhibit illustrating the conservation of life and limb at a state fair.

During the past six months the safety director has been conducting personal educational campaigns in the factories of the state by directly appealing to the workmen and employers to assist in reducing accidents in this state at least 50 per cent. In these campaigns more than four hundred factories and more than one hundred thousand workmen, also more than seventy-five public organizations have been reached by the safety director in his personal talks to the workmen. These campaigns have been held in Steubenville, Middletown, Dayton, Canton, Cleveland, Youngstown, Akron and Toledo. The Cleveland campaign was such a success that it is to be continued in September under the direction of the Cleveland Chamber of Commerce and another will be held in Toledo in October.

An appropriation of five thousand dollars a year for two years has

been made by the state legislature for use by the industrial commission in carrying on this educational work to prevent accidents. A safety bulletin, the first issued by the commission has also been published.

Plans are also under consideration by the safety director for the preparation of two motion picture films, one to illustrate the causes of accidents in the workshops and the other to show what the employers of the state are doing to prevent workshop accidents.

DIVISION OF BOILER INSPECTION.

The Division of Boiler Inspection for the period covered by this report, has been under the immediate supervision and direction of Mr. Herbert V. Neff, chief deputy.

All steam boilers built and installed in this state since July 1, 1912, must be of such construction as will conform to the specifications contained in the Ohio Book of Boiler Rules. In addition, the boiler must be inspected during construction by an inspector who has qualified before the Industrial Commission of Ohio. Each such inspector holds a commission authorizing him to make inspection, either on behalf of the state or for an insurance company authorized to do business in Ohio.

It is made optional on the part of the owner of boiler whether he shall contract with an insurance company for inspection service and boiler insurance, or have the boiler inspected by the state. In either event the original inspection report is filed with the Division of Boiler Inspection of the Commission, which division has charge of the enforcement of the boiler inspection law.

Annual certificates are issued on approved boilers, showing the maximum pressure at which the boilers may be operated during the year covered by the certificate. An annual inspection charge of \$8.00 is maintained by the Division of Boiler Inspection as follows: \$5.00 for internal inspection, \$2.00 for external inspection and \$1.00 for annual certificate.

The following will indicate in a general way the extent of the work performed by the Boiler Inspection Division during the ten months beginning September 1, 1914, and ending June 30, 1915:

12,200 Certificates issued	at \$1.00 each,	\$12,200 00
2,385 Internal inspections	at 5.00 each,	11,295 00
381 External inspections	at 2.00 each,	762 00
24 Boiler inspector examinations	at 10.00 each,	240 00
Interest on bank deposits		98 04
Total		\$25,225 04

During the same period fifty thousand boiler inspection reports were received, checked and filed, covering boiler inspections made by boiler inspectors in the employ of boiler insurance companies.

It is impossible to give further statistical report in regard to the number of new boilers installed during this period or the number of boilers condemned and put out of service on account of lack of help in this department.

DIVISION OF STEAM ENGINEERS.

The Division of Steam Engineers for the period covered by this report, has been under the immediate supervision and direction of Mr. Otto M. Elzemann, chief examiner of steam engineers.

The duty of examining applicants for stationary engineers' and boiler operators' licenses, and the issuance of such licenses to those who successfully pass the required examination, is assigned to the above division of the commission. A brief summary of the work carried on by the Division of Steam Engineers during the time between November 1, 1914, and June 30, 1915, is presented herewith:

Applicants for stationary engineer's license	1,358
Applicants for boiler operator's license	1,150
Total applications received	2,508
Number failing for engineer's license	902
Number failing for boiler operator's license	614
Total failing for licenses	1,516
Applicants qualifying for engineer's license	456
Applicants qualifying for boiler operator's license	536
Total qualifying for license	992
Stationary engineers' licenses renewed	10,079
Boiler operators' licenses renewed	2,310
Total renewed	12,389
Total receipts for examinations and renewals	\$29,794

Twenty-two arrests and convictions were secured against violators of the engineers' and boiler operators' license laws. Of this number 10 were secured against employers and 12 against employees.

Three licenses were revoked for cause. Of this number two were revoked for habitual intoxication while on duty and one for fraud for making false affidavit as to his age.

DIVISION OF MINES.

The Division of Mines for the period covered by this report, has been under the immediate supervision and direction of Mr. John M. Roan, chief inspector and safety commissioner of mines.

At the beginning of the year 1914, prospects were bright for a prosperous year in the coal industry of Ohio, but at the end of the wage contract existing between the miners and operators of the state April 1, 1914, practically all of the mines closed down, pending the signing of a new wage scale for a period of two years. This proved a difficult matter on account of the "run of mine" law, which was passed in February, 1914, and which provided for a complete change in the system of weighing and paying for the amount of coal mined by the miner. In consequence a portion of the mines were idle for about four months, at the expiration of which time they reached an agreement based on the "run of mine" law.

There was a difference of opinion between the eastern Ohio operators and the operators of the remainder of the state, and this resulted in the refusal of the operators of eastern Ohio to sign the agreement that was accepted by other districts. This caused the mines to lie idle for fourteen months, when a contract was eventually signed and preparations made for resuming operations. However, by this time the coal industry of the state had reached such a low ebb that those mines which did resume operation are working only two or three days a week, some have closed since resuming and others have never justified being opened. Practically the same conditions prevail in the Hocking district, and many of the large operators have been forced to close their mines for lack of trade.

The industrial and financial condition of the country at large was responsible in a measure for the great depression felt in the coal industry for the latter part of 1914 and early part of 1915; also the long suspension of many of the large mines and discrimination against Ohio coal were held responsible to a great degree by many for the lack of stimulus in the industry.

Investigations are now in progress which, no doubt, will have a splendid effect, as they will bring to the attention of the people of Ohio many interesting facts concerning this great industry and impress upon them the necessity of using Ohio coal. Ohio with its enormous consumption of coal, which is twice its production, should be the last to feel any depression in its coal business.

Whatever may have been the causes that brought about this condition, the effect has been baneful, and it will take heroic measures to bring the industry up to the standard of production and the prosperity resulting therefrom which was enjoyed at the beginning of 1914. Operators have experienced a profitless business, and want and misery has been the lot of practically two-thirds of the miners of the state within the last year and a half.

When the investigations, searching in their nature, now in progress have been completed, it is hoped that they will have solved the problems

of the decline of the Ohio coal industry, which withheld the means of livelihood of 50,000 miners, and that the year 1916 will witness the resumption of trade activities.

ACTIVITIES OF THE DEPARTMENT.

On account of the depression of the state's coal industry, the work of the inspection department was not as active as the preceding year. However, special attention was paid to oil and gas well operations, in particular that of sealing and abandoning of wells.

After the wage agreement was signed in Cleveland in May, 1915, the mine rescue car was dispatched to eastern Ohio, with a corps of inspectors to be available in case of mine fires or any unusual occurrences liable to be encountered when reopening mines that have long been idle. Three weeks were spent in visiting and inspecting mines that contemplated operation.

During the year 1,391 inspections of mines were made; the causes of 35 fatal accidents were investigated and the abandonment of 134 oil wells were witnessed.

Thirty fatal accidents were reported from November 15, 1914, to June 30, 1915. These were accidents which proved fatal as a result of injuries received in coal mines; one death was reported as having occurred in a limestone mine and one in a fire clay mine. Three deaths were due to heart failure.

Falls of roof and coal caused the death of 22 persons, four deaths were due to mine cars, one to electricity, one to premature explosion and two to miscellaneous causes.

The greatest number of fatal accidents were reported from Athens county where six occurred, Meigs county reported four deaths, Perry, Guernsey and Jackson each three; Noble county two, and one each from Belmont, Columbiana, Coshocton, Lawrence, Portage, Stark and Tuscarawas counties.

Six hundred and eighty-one oil and gas well maps, showing locations, were filed during the year; 346 permits were granted for the drilling of oil and gas wells, and 134 oil and gas wells were abandoned.

Eighteen prosecutions for violation of the mining laws were reported during the time represented by this report, and fines amounting to \$37 were collected and turned over to the cashier's department.

Causes for these prosecutions were as follows: Throwing back fine coal in mine, 2; riding on loaded trips, 7; loitering on switch, 3; leaving trap door open, 2; unlawfully operating a mining machine, 2; depositing calcium carbide in mine, 1; and riding on man-trip without having signed agreement, 1.

During the time covered by this report a number of safety bulletins were issued by the department upon matters brought to its attention. It

is believed that these have resulted in much good and improved mining conditions and surrounded the miner with better safeguards for the protection of life and limb.

DEPARTMENT OF INVESTIGATION AND STATISTICS.

The Department of Investigation and Statistics for the period covered by this report has been under the immediate supervision and direction of Mr. Fred C. Croxton, chief statistician and mediator.

For convenience and efficiency, the department is divided into three divisions, as follows:

1. Division of Investigation and Statistics.
2. Division of Employment Offices.
3. Division of Mediation and Arbitration.

The activities of these three divisions are taken up separately below.

DIVISION OF INVESTIGATION AND STATISTICS.

The Division of Investigation and Statistics collects all statistical data relating to industrial and social conditions in the state, prepares information of this nature for publication and also handles the statistical work of all the other departments of the industrial commission.

During the seven and one-half months ending June 30, 1915, the following reports have been printed or are now in the hands of the printer:

Report No. 4. "Industrial Accidents in Ohio, January 1, 1914, to June 30, 1914." This report includes data for 26,810 industrial accidents. It is a comprehensive report upon the causes of accidents and the nature of injury according to the Ohio experience during the period.

Report No. 5. "Union Scale of Wages and Hours of Labor in Ohio, May 15, 1914." This report shows the rate of wages for regular time, the overtime rate and the hours of labor in each of the fourteen largest cities of Ohio, according to the union agreement in effect on May 15, 1914.

Report No. 6. "Industrial Accidents in Montgomery County, Ohio, from July 1 to December 31, 1914." This report analyzes with special reference causes, 1,673 industrial accidents occurring in Montgomery county.

Report No. 7. "Industrial Accidents in Franklin County, Ohio, from July 1 to December 31, 1914," analyzes as indicated above, 2,596 industrial accidents.

Report No. 8. "Industrial Accidents in Cuyahoga County, Ohio, from July 1 to December 31, 1914," analyzes as indicated above, 8,672 industrial accidents.

Report No. 9. "Industrial Accidents in Hamilton County, Ohio, from July 1 to December 31, 1914," analyzes as indicated above, 4,308 industrial accidents.

Report No. 10. "Industrial Accidents in Lucas County, Ohio, from July 1 to December 31, 1914," analyzes as indicated above, 2,198 industrial accidents.

Report No. 11. "Industrial Accidents in Mahoning County, Ohio, from July 1 to December 31, 1914," analyzes as indicated above, 2,674 industrial accidents.

Report No. 12. "Industrial Accidents in Summit County, Ohio, from July 1 to December 31, 1914," analyzes as indicated above, 1,464 industrial accidents.

Report No. 13. "Industrial Accidents in Stark County, Ohio, from July 1 to December 31, 1914," analyzes as indicated above, 1,389 industrial accidents.

Report No. 14. "Cost of Living of Working Women in Ohio." This investigation was carried on by special agents of the department in co-operation with a number of volunteers throughout the state. Account books providing for a daily record of expenditures were furnished self-supporting working women living away from home. Two hundred and eight of these books were secured with exact records of expenditures for periods varying from four to ten weeks each. One hundred and sixty-four budgets showing expenditures for a whole year were also secured. The average weekly income of the 164 who supplied annual budgets was \$8.24, and the average expenditure, \$7.94. One-half (49.8 per cent.) of the total expenditure was for food and shelter, and one-fourth (24.5 per cent.) was for clothing.

DIVISION OF EMPLOYMENT OFFICES.

Under the supervision of the Department of Investigation and Statistics, free labor exchanges are operated in Cleveland, Cincinnati, Columbus, Toledo, Dayton, Youngstown and Akron. The offices located in Youngstown and Akron were established April 1, 1915, while the other five have been in operation for a number of years. In each of the cities except Columbus, the municipality is co-operating with the state in conducting and bearing the expense of the offices, and they are known as State-City Free Labor Exchanges. Steps are now being taken to secure co-operation in Columbus.

A special agent of the department has immediate oversight of the free labor exchanges and of their record and filing systems. The same agent also investigates the work of the private licensed employment agencies, and secures evidence against persons conducting employment agencies without license.

Report No. 15 of the department entitled, "Work of the Free Labor Exchanges of Ohio for the Year Ending June 30, 1915," has been sent to the printer. This report shows that during the twelve months 336,848

applied for work, 75,840 were requested by employers, 73,523 were referred to positions and definite information was secured that 62,237 secured work.

DIVISION OF MEDIATION AND ARBITRATION.

This division keeps in touch with labor disputes throughout the state, and also in touch with differences which are likely to develop into labor disputes. The work is handled by the chief mediator and two special agents who act in the capacity of deputy mediators.

During the period covered by this report, a settlement was secured of a strike which involved approximately 1,000 brick, tile and sewer pipe workers in the Toronto district. Two threatened difficulties, one of which would have covered a very large number of employes, were also adjusted.

DIVISION OF FILM CENSORSHIP.

During the past few months several prosecutions have been made for the violation of the censorship law to the end that in most instances the wrong-doer has been punished. The law is being enforced generally throughout the state. A careful record is kept of each film and the work of the board is dispatched in an expedient manner. A fee of one dollar per reel of one thousand feet or fractional part thereof is paid to the state as a censorship fee, and this fund more than pays all expenses in connection with the work of the board.

The following is a brief summary of the work performed by this division during the period from November 16, 1914, to June 30, 1915:

Reels censored	17,693—100.00%
Reels approved	16,971— 95.92%
Reels rejected	722— 4.08%
Reels approved with eliminations	4,725— 26.71%
Reels approved without eliminations	12,246— 69.21%

STATEMENT OF EXPENDITURES.

November 16, 1914—June 30, 1915.

	Salaries.	Expense.	Equipment.	Totals.
Executive	\$31,101 13	\$17,157 59	\$767 14	\$49,025 86
Workmen's Compensation (State Insurance)	87,130 24	14,052 60	1,717 22	102,900 06
Statistical	28,860 85	4,757 85	1,600 13	35,218 83
Workshops and Factories	38,224 32	15,449 63	334 42	54,008 37
Mines	21,232 17	7,256 63	279 70	28,768 52
Bollers	16,405 58	5,495 45	131 25	22,032 28
Engineers	14,162 52	4,200 31	41 50	18,404 33
Film Censorship	7,042 34	6,746 47	755 96	14,544 77
Grand totals	\$244,159 15	\$75,116 55	\$5,627 32	\$324,903 02

DIVISION OF COLLECTIONS.

STATEMENT OF MISCELLANEOUS REVENUES.

November 16, 1914, to June 30, 1915.

RECEIPTS.

Film Censorship—		
License Fees	\$18,451 00	
Duplicate Leaders	81 20	
Investigation and Statistics—		
Private Employment Agency Fees	2,875 00	
Examiners of Steam Engineers—		
Examination and License Fees	29,794 00	
Boiler Inspection—		
Inspection and License Fees	21,993 50	
Interest on Bank Deposits	77 96	
Mining Department—		
Fines, Sale of Test Weights	71 00	
Miscellaneous—		
Sale of Waste Paper	23 25	
Total Receipts		\$73,366 91
Central National Bank (Balance, Nov. 15, 1915)		3,070 55
Grand Total		\$76,437 46

DISBURSEMENTS.

J. P. Brennan, Treasurer of State	\$13,903 94
R. W. Archer, Treasurer of State	57,292 47
Refunded Fees	15 00
Central National Bank (Balance, June 30, 1915)	5,226 05
Grand Total	\$76,437 46

REPORT OF THE BOARD OF AGRICULTURE OF OHIO

This report covers briefly the period from January 1, 1915, to June 30, 1915, both inclusive. During this time the Agricultural Commission was charged with the administration of the Department of Agriculture. The commission's report previously submitted is a record of the transactions of the department from August 6, 1913, the date the commission assumed charge to December 31, 1914, inclusive.

Various kindred agricultural interests were assembled under the direction of the commission, among them the Ohio Agricultural Experiment Station, Dairy and Food Commission, Fish and Game Commission, and others. The general supervision of these divisions and the transaction of routine business connected therewith kept the commission well occupied. Each of the four members had certain divisions assigned to him. The work of the department was carried on by an organization of division and bureau heads with their subordinates. The commission aimed to keep in touch with all activities of the department without entering into the lesser details which should rightfully be performed by subordinates.

It is obvious that a report of this kind cannot refer to every minor transaction, but must deal only with the more important matters. The following pages make brief mention of some of the most important things that came to the attention of the commission in the first half of 1915.

FOOT AND MOUTH DISEASE AND COMPENSATION FOR SLAUGHTERED ANIMALS.

Without a doubt the most serious question confronting the commission was the fight against foot and mouth disease, whose ravages were felt so deeply by Ohio farmers in the latter part of 1914 and the early months of 1915. The question of compensation for animals destroyed by state and national authority and for property destroyed in fighting the disease was up for immediate adjustment, without prejudice to either the individual losers or the state and nation to whom the farmers looked for remuneration.

Foot and mouth disease was first found in this state on a farm in Wood county on November 3, 1914. It was introduced here in some cattle bought at the Chicago stock yards. As soon as the serious nature of the disease was known, the work of control and eradication was begun by the Bureau of Animal Industry of this state in co-operation with the United States Bureau of Animal Industry. The plan followed necessi-

tated the strict quarantine of all infected and exposed premises as rapidly as such were discovered and the prompt slaughter of infected and exposed animals. The disease is of such a virulent and contagious nature that drastic measures are justified in dealing with it.

The quarantine imposed worked serious hardships on some Ohio farmers, as all measures for the common good do in cases of emergency. The transportation and sale of live stock in many localities was absolutely forbidden for some time. Public sales were forbidden because of the imminent danger of spreading the disease. All these restrictions seemed unusually severe and arbitrary and worked hardships on some individuals, but after reflection most fair-minded persons will agree that this was the proper course to pursue.

By virtue of prompt and vigorous action the spread of the disease in Ohio was checked, the epidemic was brought under control and finally eradicated. Then came the question of compensation for the live stock and property which had been condemned and destroyed. No funds were available to pay these claims, but it was well understood that the legislature, which was in session at the time covered by this report, would make appropriation for this purpose. A detailed statement of all stock which had been killed was prepared and submitted to the governor for his approval and then passed on to the legislature as a basis for the appropriation. A list was made of the property destroyed which also was approved for payment. The total amount of the damages, both for slaughtered animals and property destroyed, was almost \$400,000. The national government paid half of this amount and the state of Ohio paid half, amounting to \$189,086.48. This is a large item of expense but it is felt that it is only a partial compensation to those whose property was sacrificed in the campaign which was successful in eradicating an epidemic that threatened every stock owner in the state.

PANAMA-PACIFIC EXPOSITION EXHIBIT.

Arrangements were made with the Ohio commissioners of the Panama-Pacific International Exposition to provide an agricultural show for the Ohio exhibit. Mr. N. E. Shaw, chief of the Bureau of Orchards and Nurseries, in collaboration with Professor Clark S. Wheeler, of Ohio State University, was delegated to install the exhibit. An exhibit was arranged which was a credit to Ohio, and plans were inaugurated for an apple exhibit in the fall under the direction of this department.

EXPERIMENT STATION AND COUNTY EXPERIMENTAL FARMS.

The Ohio Agricultural Experiment Station at Wooster continued to serve the best interests of Ohio farmers in many ways, as it had in the

past. The station force was strengthened by the addition of several trained men in various lines. Following the recommendation of Director C. E. Thorne, increases in salaries were granted to many employes who were deserving of such recognition of their services. It is most gratifying to know that Ohio has one of the very best experiment stations in the country and that Ohio farmers recognize it for its true worth and patronize it freely.

A farm of 259 acres was purchased in Mahoning county for experimental purposes under the direction of the county agent. A similar farm was bought in Trumbull county, and plans were completed for the establishment of an experiment farm in Washington county. In every way encouragement was given to the county agent and county experiment farm movement, as it was felt that agriculture in each county would be materially benefited through these agencies.

DAIRY AND FOOD DIVISION.

This division was active in the inspection of foods and drugs and the prosecution of violators. During the six months 1,060 samples were submitted to the chemists for analysis, of which 702 were passed and 358 were found not to be in accordance with the law. Almost half of these were samples of milk, cream and butter which fell below the legal standards of such products. One hundred and forty prosecutions were instituted against offenders. Many of these prosecutions were based on samples of food which were adulterated or did not come up to the standards prescribed. About one-third of them were for violation of the drug laws. Convictions were secured in short order on a majority of the cases, but some of them were pending at the time this report was compiled. In general, the dairy and food division is able to get convictions on a majority of the cases filed.

In addition to their other work, the inspectors of the division made 3,165 sanitary inspections of places where food products are manufactured, handled, or sold. About one-third of these were groceries, one-fourth meat markets and slaughter houses, and one-sixth dairies and creameries. The other inspections covered almost all kinds of establishments wherein food products are handled in any way. The importance of these sanitary inspections and the strict enforcement of proper regulations is coming to be thoroughly recognized from year to year. Preventative measures of this kind will do much to secure clean, pure food without prosecution.

OHIO STATE FAIR.

In March and April the premium catalogue for the 1915 Ohio State Fair was revised. In general, the number of premiums and amounts of money offered were increased; particularly was this true in the live

stock department. One encouraging feature in connection with the live stock premiums is the keen interest taken by the various live stock organizations and associations. In almost every class these associations offer cash prizes and trophies in addition to the regular premiums. No doubt this has had much to do with the wonderful success of the Ohio State Fair live stock exhibits.

Under the new budget system of appropriations the 1915 Ohio State Fair was to be conducted on a direct appropriation without the benefit of the receipts and balances such as had been available in previous years. The commission prepared a budget of classified expenses for the fair and asked the legislature for an appropriation of \$97,927.50 for the 1915 fair, and \$105,000 for the 1916 fair. These amounts, it was believed, would be required to properly conduct the fairs for these two years. However, the appropriation granted for each year was \$85,500.

In order to meet the general demand for some concessions in admission to exhibitors and patrons, the commission decided to issue one season ticket for the fair to exhibitors and concessionaries at \$1.00, such ticket to be good for three entrances each day if purchased upon leaving the grounds. Patrons' season tickets were to be sold for \$2.00 each, giving the same privileges as the exhibitors' tickets. It was believed that this arrangement would relieve exhibitors and patrons of the otherwise unjust expense of admission to the fair while attending to their exhibits.

FISH AND GAME DIVISION.

An island was leased in North Reservoir, Summit county, for a fish hatchery. Plans were drawn up, contracts let, and the construction of the hatchery begun forthwith. Similar hatcheries on Indian Lake, Loramie Reservoir and Buckeye Lake were contemplated and first investigations made as to locations.

The fish and game division, working in co-operation with Ohio sportsmen, took additional steps for the conservation and propagation of fish and game. It is gratifying to note that the true sportsmen show a disposition to co-operate with this division. Indiscriminate and wholesale slaughter of game by "game hogs" has done much to destroy the confidence and has prejudiced the minds of land owners against hunters and fishers. The better class of Ohio sportsmen realize that they must lend their assistance to the fish and game division in correcting these conditions.

STATISTICAL REPORT.

Appended hereto is a condensed compilation of the agricultural statistics of Ohio as reported by township assessors in April, 1915. This report shows the total acreage and production of the leading farm crops

for 1914. In some instances this production is for 1915, but in the majority of cases figures for that year were not available when this information was compiled.

AGRICULTURAL STATISTICS.

STATE TOTALS AS RETURNED BY TOWNSHIP ASSESSORS IN 1915.

Wheat—		
Acres, 1914		1,764,176
Bushels, 1914		32,856,326
Rye—		
Acres, 1914		133,545
Bushels, 1914		1,812,984
Buckwheat—		
Acres, 1914		11,503
Bushels, 1914		240,993
Oats—		
Acres, 1914		988,561
Bushels, 1914		43,688,138
Winter Barley—		
Acres, 1914		3,803
Bushels, 1914		72,212
Spring Barley—		
Acres, 1914		24,235
Bushels, 1914		579,908
Corn—		
Acres, 1914		2,172,781
Bushels, 1914		125,877,198
Brown Corn—		
Acres, 1914		420
Bushels, 1914		56,503
Ensilage Corn—		
Acres, 1914		100,002
Sugar Corn—		
Acres, 1914		17,718
Tons Produced, 1914		83,218
Tomatoes—		
Acres, 1914		9,818
Bushels, 1914		1,721,407
Peas—		
Acres, 1914		2,930
Bushels, 1914		335,562
Potatoes—		
Acres, 1914		106,685
Bushels, 1914		9,894,826
Sweet Potatoes—		
Acres, 1914		694
Bushels, 1914		32,734
Onions—		
Acres, 1914		5,829
Bushels, 1914		1,321,115

AGRICULTURAL STATISTICS—Continued.

Meadow (Other than Clover)—	
Acres, 1914	2,053,200
Tons of Hay, 1914	2,326,300
Clover—	
Acres, 1914	689,698
Tons of Hay	627,659
Bushels of Seed	376,188
Sweet Clover—	
Acres, 1914	3,287
Alfalfa—	
Acres, 1914	60,596
Tons of Hay, 1914	125,138
Flax—	
Acres, 1914	2,210
Bushels of Seed, 1914	12,456
Pounds of Fibre, 1914	46,823
Tobacco—	
Acres, 1914	53,154
Pounds Produced, 1914	58,811,296
Creameries—	
Number, 1914	546
Cheese Factories—	
Number, 1914	382
Milk Condenseries—	
Number, 1914	175
Canning Factories—	
Number, 1914	71
Silos—	
Number, 1914	15,068
Dairies—	
Four or More Cows, 1914	61,162
Milk—	
Gallons Sold, 1914	65,019,365
Butter—	
Pounds Made in Home Dairies, 1914	49,298,499
Pounds Made in Factories and Creameries	10,588,925
Cheese—	
Pounds Made in Home Dairies	995,635
Pounds Made in Factories and Creameries, 1914	3,451,427
Eggs—	
Number Dozen Produced, 1914	85,755,206
Sorghum—	
Acres, 1914	2,137
Pounds of Sugar, 1914	3,389
Gallons of Syrup, 1914	36,107
Maple Products—	
Number trees, 1915	2,984,201
Pounds of Sugar, 1915	45,980
Gallons of Syrup, 1915	625,420
Sugar Beets—	
Acres, 1914	16,599
Tons Produced, 1914	217,589

AGRICULTURAL STATISTICS—Concluded.

Bees—		
Number of Hives, 1914		26,258
Pounds of Honey, 1914		314,392
Fertilizer—		
Pounds Used, 1914	394,727,204	
Grapes and Wine—		
Acres in Vineyard, 1914		11,844
Pounds of Grapes Gathered, 1914	13,669,356	
Gallons of Wine Pressed, 1914		171,303
Apples—		
Acres, 1914		177,755
Bushels, 1914	8,787,653	
Peaches—		
Acres, 1914		27,429
Bushels, 1914	966,078	
Pears—		
Acres, 1914		5,087
Bushels, 1914	15,579	
Cherries—		
Acres, 1914		4,261
Bushels, 1914	126,423	
Plums—		
Acres, 1914		2,047
Bushels, 1914	108,715	
Other Small Fruit—		
Acres, 1914		5,156
Bushels, 1914	161,583	

LIVE STOCK.

Horses—		
Number, 1915		365,222
Cattle—		
Number, 1915		1,366,797
Sheep—		
Number, 1915		1,378,536
Hogs—		
Number, 1915		1,653,922
Wool—		
Pounds Shorn, 1914	10,215,668	

REPORT OF THE AGRICULTURAL EXPERIMENT STATION

Following is a list of the principal subjects under investigation in the several departments of the station :

(Investigations supported by the Adams Fund are indicated by *)

AGRONOMY.

1. Alfalfa—Different rates of seeding ranging from 5 to 25 pounds per acre.
2. A comparison of methods of distributing alfalfa seed.
3. The value of disking and manuring in cleaning and renewing old alfalfa fields.
- *4. Plant-row tests of selected strains of alfalfa.
5. Clover—A comparison of the different species and varieties of clover as to yield.
6. The duration of the different clovers when cut for hay only and when allowed to produce seed.
7. A comparison of methods and times of seeding.
- *8. Plant-row tests of strains of red clover grown from individual plants.
9. A study of the relation of insects of different kinds to fertilization of red clover.
10. Corn—A test of different varieties and distinct pedigreed strains, in the usual tenth-acre plot test.
- *11. The relation of prominent visible characters in ear and stalk to yield, viz.:
 - a. Shape of ear.
 - b. Length of ear.
 - c. Weight of ear.
 - d. Number of rows per ear.
 - e. Filling of tip.
 - f. Indentation of kernels.
 - g. Specific gravity of kernels.
 - h. Height of ear on stalk.
 - i. Height of plant.
 - j. Angle of ear.
 - k. Proportion of grain to cob.
 - l. Proportion of grain to stover.
12. The relation of previous conditions of growth to yield:
 - a. As to stand.
 - b. As to fertility.
13. The relation of date of planting to yield.
14. The relation of stand of plants to yield.
15. The economic value of the germination test of seed corn.
16. The testing of individual ears in ear-row work.

17. The relation of the early development of root, stem, plumule and culm in the germination box to yield.

18. The relation of care of seed corn to yield.

*19. The crossing of superior ears, as determined by previous ear-row tests, and the multiplication of pedigreed crosses in isolated plots.

*20. The effect of the isolation of superior ears, as determined by testing, in pureline breeding.

*21. The effect of crossing standard varieties on yield.

22. A test of 14 varieties of corn for silage.

23. Thick and thin drilling of silage corn, ranging from 4 to 12 inches in rows 42 inches apart.

24. Special Forage Crops—A test of varieties of field peas.

25. Field peas and oats at three different rates of seeding; also oats and hairy vetch.

26. Combinations of the following forage crops: Soy beans and cowpeas; soy beans and hairy vetch at several different rates of seeding; sweet clover and hairy vetch; cowpeas and sorghum; silage corn and soy beans, and flint corn and soy beans.

27. A variety test of mangels and sugar beets.

28. A variety test of millets, including Sudan grass.

29. A variety test of sorghums.

30. Hog forage test in co-operation with Department of Animal Husbandry in the use of rye, rape and soy beans.

31. Legume garden of 28 species and varieties.

32. Grasses—A comparison of 10 meadow grasses as regards yield, quality (including palatability) and permanency.

*33. Oats—Variety test of oats: Varieties grown in one-tenth acre plots, pure-line strains grown in one-hundredth acre plots; second-year pure-lines grown in eighteen-foot rows and duplicated; first-year pure-lines grown in head-row tests.

*34. A comparison of secondary with primary grains in pure-line strains.

35. The relation of quality of seed, as graded by the fanning mill, to yield.

36. The relation of rate of seeding to yield.

37. The relation of preparation of seed bed to yield.

38. Soy Beans—A test of varieties of soy beans grown for seed and for hay.

*39. A plant-row test of selected individuals.

40. A comparison of soy beans with cowpeas.

41. A test of rate of seeding, ranging from one to eight pecks per acre.

42. A test of the value and method of inoculation for soy beans; three different commercial cultures compared with infected soil.

43. Wheat—Variety tests of wheat: Varieties, many of which are pure-line selections, grown in tenth-acre plots; pure-line strains grown in one-hundredth acre plots; second-year pure-lines grown in eighteen-foot rows; first-year pure-line grown in head-row tests.

*44. Special studies of variation in pure-lines of wheat with respect to:

a. Size of kernel.

b. Size of head, as indicated by length and by number of kernels per head.

- c. Tillering.
 - d. Protein content.
 - e. The relation of the above to yield.
45. A test of different grades of wheat as separated by the ordinary fanning mill.
46. The relation of rate of seeding, ranging from three to ten pecks, to yield.
47. The relation of early and late seeding to yield.
48. Milling and baking tests with different varieties.
49. Rotations and Catch Crops—A test of 20 different crops and crop combinations used as catch crops at last cultivation or after corn harvest.
50. A test of grain vs. livestock rotation farming.
51. Plowing—A comparison of very deep (15 ins.) with normal plowing (7½ ins.) and both with normal plowing plus subsoiling—rooting to the depth of 6 inches in the bottom of furrow.
52. Dynamite—A test of the use of dynamite in preparing ground for alfalfa.
53. Sub-Station and County Farm Work—A test of deep and shallow plowing at Strongsville Test Farm.
54. Variety tests of corn, wheat and oats, and work with alfalfa at Carpenter Test Farm.
55. Variety tests of corn and wheat and alfalfa work at Germantown Test Farm.
56. Variety tests of corn, oats and wheat at Findlay Test Farm.
57. Variety tests of corn, oats and soy beans, and a rate of seeding test of corn, at Paulding County Experiment Farm.
58. Variety tests of corn, oats and soy beans at Miami County Experiment Farm.
59. Variety tests of corn and soy beans, and a rate of seeding test of corn, at Hamilton County Experiment Farm.
60. Variety tests of corn, oats and wheat at Clermont County Experiment Farm.
61. A Rotation test involving the growing of ten different field crops in continuous culture; in ten different 2-year rotations; in ten 3-year rotations; in ten 4-year rotations, and ten 5-year rotations, the average annual treatment of the soil with respect to lime, fertilizers and manures being the same in the continuous culture and each rotation.
62. The drilling of small cereals in rows four inches apart as compared with eight inches.
63. Sudan grass seeded at different rates, ranging from 5 lbs. to 30 lbs.; drilled in rows eight to thirty-two inches apart, and cut at different stages of growth. This grass is also being compared with German millet.
64. A comparison of seven different commercial bacterial cultures and infected soil in the inoculation of alfalfa, hairy vetch and soy beans, in co-operation with the Soils Department.
65. Field experiments with fertilizers and manures are being conducted by this Department in co-operation with the Departments of Soils and Farm Management, as listed below:
66. Continuous Culture—Corn, oats and wheat are each grown continuously at Wooster and tobacco is grown continuously at Germantown.

4. Rations containing varying amounts of linseed oilmeal to supplement corn, clover hay and silage. (The work with sheep is conducted at Carpenter and Wooster.)
5. Swine—Different methods of preparing corn for young fattening swine.
6. The effect of age on rate and economy of gains in dry-lot feeding.
7. Experiments with bacon type hogs.
8. Hogging down green forage and grain crops. (The work with swine is in part conducted at the Miami County Experiment Farm.)
9. Poultry—Rations containing varying quantities of protein for laying hens.
10. Comparison of tankage and beef scrap for laying hens.
11. Rations containing few and many varieties of feed for laying hens and young chickens.
12. Different methods of supplying grain and mash for laying hens.
13. Comparison of wide range with close confinement. (The poultry experiments are conducted at Wooster and Carpenter.)
14. Animal Parasites—The following studies of animal parasites are being conducted:
 - a. Effect of change of pasture on parasitic infection of sheep.
 - b. The thorn-headed worm of swine.
 - c. The gape worm of poultry.
 - d. The ox warble fly.

Publications—Bulletin 280, some important animal parasites affecting Ohio livestock. Bulletin 284, rations for growing and fattening roosters and capons.

BOTANY.

1. Naming of weeds and other plants.
2. Examination of seeds for purity and germination.
3. Investigation of causes and control measures for orchard diseases.
 - a. Co-operative study with Department of Entomology on relation of insects to development and spread of blight organism in pear and apple.
 - b. Test of spray control measures for apple blotch disease at Fleming; also testing of apple sprays at Carpenter, in co-operation with Department of Horticulture.
 - c. Studies of injuries from winter freezing of younger orchards of apple, peach and plum.
 - d. Special studies of bark disease organism of stone fruits.
4. Diseases of small fruits, especially raspberries and blackberries.
5. Diseases of forest and shade trees, including chestnut blight.
6. Diseases of ornamental plants and shrubs.
7. Diseases of forage crops and cereals.
 - a. Diseases of wheat, oats and rye.
 - b. Clover and alfalfa wilt disease.
8. Diseases of vegetables in greenhouse and field.
 - a. Tomato wilt diseases and soil sterilization of plant beds and green-houses. Selection of resistant strains of tomato plants.
 - b. Testing yellows resistant selections of cabbage, at Clyde, Ohio, in co-operation with Department of Horticulture and Wisconsin Experiment Station.
 - c. Black neck rot and smut of onions.
 - d. Potato diseases and seed potato disease examination.

8. Tobacco diseases.
9. Breeding of cigar filler and possible binder types of tobacco.
10. Plant disease survey of the State conducted in co-operation with the Bureau of Plant Industry, U. S. Department of Agriculture.

Publications—Circular 149, spraying program for orchards, with combinations recommended. Circular 150, tree fillings and wound dressings for orchard and shade trees. Circular 151, methods of soil sterilization for plant beds and greenhouses. Circular 153, mushrooms, edible and poisonous.

“Scarlet Oak Twig Disease in Cincinnati, caused by *Botrydiplodia* sp.” D. C. Babcock, *Phytopathology*, Vol. 5, No. 3, June, 1915, page 197.

CHEMISTRY.

1. Availability of phosphorus supply of calcareous and non-calcareous soils of different types.
2. A chemical study of the wheat crop growing on differently treated soils, to determine—
 - a. To what extent the phosphorus assimilated by the wheat plant is an indication of the available supply of phosphorus in the soil.
 - b. The effect of supply or deficiency of phosphorus in relation to soil nitrogen supply on the proteid and carbohydrate content of the wheat grain.
3. Capacity of nitrogen fixing bacteria to convert insoluble phosphates into available organic phosphorus compounds.
4. Phosphorus absorption of soils.
5. Sulphur requirements of soils.
6. Changes produced by liming the soil.
 - a. Rate of loss of lime under different treatments.
 - b. Depth of soil affected.
 - c. Relative efficiency of non-magnesian and magnesian lime materials.
7. Peat soils.
8. Effect of soil treatment on the quality of tobacco.
9. Milling and baking technology.
10. Miscellaneous chemical analysis for the other departments of the Station.
11. Chemical examination of the principal soil types of the State in co-operation with the Department of Soils.

Publications—Bulletin 285, Tobacco: Influence of fertilizers on composition and quality. Determination of carbon in soil and soil extracts. By J. W. Ames and E. W. Gaither: *Journal of Industrial and Engineering Chemistry*, Vol. 6, No. 7, p. 561. 1914.

DAIRYING.

1. Wide, medium and narrow rations for dairy cows.
2. Comparison of alfalfa and clover hay for milk production.
3. The cost of raising dairy heifers.
4. Effect on composition of milk and butterfat of various feeds, systems of feeding, pasture, seasons, etc.
5. Effect of inbreeding on form and size, vigor, production, etc.
6. Cost of milk production.

ENTOMOLOGY.

1. Studies of plant lice, especially those affecting orchards.
 2. Relation of insects to transmission of fire blight.
 3. Distribution Periodical Cicada.
 4. Life history of Codling Moth.
 5. Control of leaf-hoppers in grass lands.
 6. Effect of long term spraying on orchards.
 7. Life history of clover leaf roller.
 8. Studies of the more resistant scales and leaf eating caterpillars.
 9. Insect control on city shade trees.
 10. Tests of efficiency of newer insecticides.
 11. Control of wooly aphis.
 12. Control of onion maggot.
 13. Control of insects affecting stored grains.
 14. Control of the grape-berry worm.
 15. Studies of the long horned wood boring beetles.
 16. Studies of the nut weevils.
 17. Studies of the stink-bug family.
 18. Studies in bee-keeping.
 19. Control of household insects.
 20. Control of peach tree borers.
 21. Studies of the bark beetles.
- Publications—Circular 154, some insect pests of the greenhouse.

FARM MANAGEMENT.

By general order issued February 22, 1915, the department of co-operation was changed to the department of farm management, with the following outline of work:

1. General management of the following District and County Experiment Farms:
 - a. Northeast Test Farm at Strongsville,
J. Paul Markley, Vigil Resident Manager
 - b. Southwestern Test Farm at Germantown,
Henry M. Wachter, Germantown.....Resident Manager
 - c. Southeastern Test Farm at Carpenter,
H. D. Lewis, Carpenter.....Resident Manager
 - d. Northwestern Test Farm at Findlay,
John A. Sutton, Findlay.....Resident Manager
 - e. Paulding County Experiment Farm at Paulding,
C. Ellis Bundy, Paulding.....Superintendent
 - f. Miami County Experiment Farm at Troy,
M. C. Thomas, Troy.....Superintendent
 - g. Hamilton County Experiment Farm at Mt. Healthy,
D. R. Van Atta, Cincinnati.....Superintendent
 - h. Clermont County Experiment Farm at Owensville,
Victor Herron, College Hill Superintendent
 - i. Washington County Experiment Farm at Fleming,
Ernest J. Riggs, Marietta.....Superintendent
 - j. Washington County Experiment Truck Farm at Marietta,
Ernest J. Riggs, Marietta.....Superintendent

- k. Trumbull County Experiment Farm at Cortland,
M. O. Bugby, Warren.....Superintendent
 - l. Mahoning County Experiment Farm at Canfield,
D. W. Galehouse, Canfield.....Superintendent
 2. In co-operation with the County Agricultural Agents, to discover, develop and introduce the most profitable systems of farming for the various counties of the state.
 3. Statistical Studies.—A study of the increase and decrease of the average yields of crops, and the reasons therefor, in the various counties of the state; same with livestock. The object of these studies is the acquisition of a more definite knowledge of the agricultural conditions of the different counties of the state in order the more intelligently to advise with respect to their systems of farm management.
 4. Rotations.—A study of the gross and net receipts from different rotations, the distribution of labor involved, the effect on the yields and on the physical and chemical characteristics of the soil.
 5. Types of Farming.—A study of the types of farming in vogue in a given section, the fundamental reasons therefor and changes that may be desirable; the effect of these systems upon the land and upon the man.
 6. Successful and Unsuccessful Farms.—The studying and reporting of the farm management and farm practice methods in use on successful and unsuccessful farms.
 7. Small Farms.—A study of the type of farming adapted to small farms in various sections of the state.
 8. A study of incomes from pasture lands as compared with cultivated lands.
 9. Permanent Improvements.—A study of the character and cost of permanent improvements, including fences, buildings and tile drainage.
 10. Farm Equipment. A study of the character and cost of farm machinery and tools.
 11. Beautification of the home and farmstead.
- At the District Test Farms the work has been a continuance of investigations begun in previous years, except at Carpenter, where the south hill pasture field has been laid out into 9 plots and has been fertilized and limed in various ways, for the purpose of noting the effect on the growth of the grass.
- At Findlay a block of about one-half acre has been devoted to a test of various cereals and grasses.
- At Strongsville the tiling of the farm has been nearly completed.
- Progress of the work on the County Experiment Farms is reported in Bulletin 286. At each of them some new rotation has been started that seemed desirable for that locality.
- At the Paulding County Farm a hog farm plan has been installed, the object being to determine whether it is more profitable to produce pork or to sell the grain.
- At the Hamilton County Farm the dairy barn has been remodeled to comply with the Cincinnati regulations and a herd of six cows has been put in.
- The buildings have been remodeled on the Washington County Experiment Farm (Fleming) and a flock of 60 breeding ewes has been put in, the object being to determine the possibilities in the production of lamb mutton for the hill country. Fertility and variety cereal rotations have been started with a view of determining the best methods of maintaining and increasing soil fertility and of discovering the variety of cereals best adapted to that locality.
- The experimental truck farm at Marietta has been organized with a view to solving soil fertility problems and variety problems for the truckers of that district.

A farm of 153.3 acres was purchased seven miles north of Warren for the Trumbull County Experiment Farm and tiling was at once begun. A few cereal variety tests were also started.

A farm of 275 acres was purchased near Canfield for the Mahoning County Experiment Farm, but owing to a slight defect in the title, possession has not yet been obtained.

Publications.—Bulletin 286, county experiment farms in Ohio. Circular 146, the loess soils of southwestern Ohio. Circular 147, the cost of tile drainage.

FORESTRY.

1. Propagation of forest trees. (Nursery operations.)
 - a. Fertilization.
 - b. Light and shade tolerance of coniferous species.
2. Reforestation.
 - a. Methods of planting forest trees.
 - b. Cost of forest planting.
 - c. Cultural methods and cost.
 - d. Adaptability of tree species to soils.
 - e. Determination of species for economic uses.
 - f. Determination of species for landscape effects.
 - g. Determination of species suited for mixed plantings.
 - h. Windbreaks.
 - i. Rate of growth studies.
 - j. Thinning.
3. Forest arboretums.
 - a. Comparative tests of all tree species to determine specific uses in the several sections of the state.
4. Forest management.
 - a. Determination of silvicultural systems in the management of native forest trees.
 - b. Interplanting and underplanting.
 - c. Thinning and improvement cuttings, all work in co-operation with state, private and municipal institutions and private owners.
5. Wood utilization.
 - a. Timber markets.
 - b. Wood durability studies.
6. Commercial tree studies.
7. Classification of lands within the state suitable for timber growing.
8. Municipal forestry.
 - a. Establishments of municipal forests.
 - b. Shade tree studies.

HORTICULTURE.

1. Apples—A test of over 400 varieties of apples, including all the well known ones and many new or little known varieties.
2. An orchard of seedling apples of merit discovered in various portions of the state.
3. Growing new seedlings from cross pollinated fruit.
4. Keeping yield records showing the production from year to year of each tree in the orchard.
5. A comparative study of different methods of orchard culture.

6. A study in intensive orcharding, using apple trees as fillers instead of berries and truck crops.
7. A study of the rapidity and manner of healing of wounds made in pruning.
8. A test of various wound dressings.
9. A test of the use of sawdust from various sources and of pomace as a mulch.
10. A study of the value of certain varieties as pollenizers for certain other varieties.
11. The behavior of different varieties in common and cold storage.
12. Different methods of hastening the fruit bearing period in young trees.
13. Blackberries—A comparison of varieties.
14. Cherries—A comparison of varieties.
15. Currants—A comparison of varieties, and of plants of the same variety from different nurserymen.
16. Gooseberries—A comparison of varieties and of plants of the same variety from different nurserymen.
17. Grapes—A comparison of varieties.
18. The behavior of different varieties in common and cold storage.
19. Peaches—A comparison of varieties.
20. Plums—A comparison of varieties.
21. Raspberries—A comparison of varieties.
22. Strawberries—A comparison of varieties.
23. A 4-year rotation fertilizer test of ten plots with two crops of strawberries, and one each of potatoes and soy beans.
24. Growing strawberries under glass for winter fruit and for plant breeding.
25. Greenhouse—Completing work on summer treatment of greenhouse soils.
26. Improvement of greenhouse tomatoes by crossing and selection.
27. Improvement of greenhouse cucumbers by selection.
28. Improvement of Grand Rapids lettuce by selection.
29. Variety and strain test of greenhouse lettuce.
30. Improvement of the Cineraria by selection.
31. Trial of first generation crosses of tomatoes in greenhouse.
32. Test of commercial fertilizers on greenhouse soils.
33. Culture and improvement of head lettuce.
34. Special crops for hotbeds and cold frames.
35. Vegetable Gardens—Variety and strain test of late cabbage.
36. Breeding cabbage for disease resistance and improvement by crossing and selection.
37. Completing variety and strain test of early tomatoes.
38. Variety and strain test of canning tomatoes.
39. Improvement of strawberries by crossing and selection.
40. Breeding tomato for disease resistance.
41. Variety test of early garden peas.
42. Variety test of potatoes.
43. Variety test of onions on muck soil at Craigton.
44. Trial of newer varieties of onions under transplanting method.
45. Improvement of Chinese cabbage by selection.
46. Testing varieties of tomatoes on stakes.
47. Testing of methods of pruning tomatoes on stakes.
48. Variety and strain test of early celery.
49. Variety and strain test of late celery.
50. Comparison of cover crops and manure for truck crops.

51. Stimulation of germination and tuber formation of the potato.
 52. Variety test of bush beans.
 53. To determine yields from large and small one-year seedling asparagus plants.
 54. Cover crops for truck gardens.
- Publications—Bulletin 281, summer treatment of greenhouse soil. Circular 149, spraying program for orchards, with combinations recommended.

NUTRITION.

The work of this Department for the 2 years, 1913-14 and 1914-15, has included:

- *1. Review of the literature of phosphorus metabolism. Published as Technical Bulletin No. 5.
- *2. Mineral metabolism and food digestion of swine. Published as Bulletin 271.
- *3. Comparison of nutritive values of phosphates and glycerophosphates by means of combined mineral metabolism and carcass analysis investigation.
- *4. A feeding experiment on the specific effects of common foods on the growth of swine. Published as Bulletin 283.
- *5. Studies on the methods for the estimation of inorganic phosphorus in plant and animal substances. Published as Technical Bulletin No. 8.
- *6. Studies of methods of estimation of the products of enzymic activity in animals.
- *7. A metabolism experiment with 6 milch cows in which the following problems are being studied:
 - a. The mineral requirements of milk production.
 - b. The metabolism of silicon.
 - c. Specific effects of foods on the nitrogen and phosphorus metabolism of milch cows.
 - d. Effects of nitrogenous supplements on the digestibility of rations.
- *8. A study of the estimation of metabolic nitrogen.
- *9. Effects of rate of growth, as determined by the food supply, on the composition of the growth produced.
- *10. A study of the iodine content of foodstuffs in connection with the prevalence of abnormalities of the thyroid gland.

SOILS.

1. Field experiments in the use of fertilizers and manures are being conducted by the Department of Agronomy, in co-operation with the Departments of Soils and of Farm Management.
2. The reconnaissance soil survey of the State, conducted by the Department in co-operation with the Bureau of Soils, U. S. Department of Agriculture, has been published by that Bureau. Detail surveys of Paulding, Miami, Geauga and Hamilton counties are in progress.
3. Studies are in progress on the effect of different methods of fertilization upon the retention of moisture by the soil.
4. Investigations on the loss of plant food by drainage and erosion are being made.
5. Special studies in the fertilization of soils are being conducted by means of pot cultures.
6. A study of the effect of fertilizers and lime on the physical condition of the soils in progress.

7. Studies are being conducted in soil biology, including:
 - a. Review of the literature.
 - b. Refinement and improvement of the methods of recovery and determination of nitric nitrogen in soils.
 - c. Physiological studies on the source of carbon for nitrification; nitrification in solution, in sand and in soil cultures, and effect of cropping and fertilization on the process.

Publications—Bulletin 279, liming the land. Bulletin 285, field experiments with fertilizers and manure on tobacco. Bulletin No. 7, technical series, on nitrification.

Papers on Soil Technology—"The determination of nitric nitrogen in soils," *Journal of Engineering and Industrial Chemistry*, Vol. 7, pp. 521-529, June 1, 1915. "Cytological Studies of *Azotobacter chroococcum*," *Journal of Agricultural Research*, Vol. IV, pp. 225-240, June, 1915.

Some of these investigations have been in progress for a number of years. Some have been reported upon from time to time, while others have not yet yielded sufficiently definite results to justify publication.

The total publications of the year have amounted to 1,340 pages. Beginning with Bulletin 280 and Circular 147, the regular edition was increased from 72,000 to 80,000 copies. The more technical publications, however, were issued in smaller editions, that for Technical Bulletin No. 5 being 4,000 copies, and those for Technical Bulletins 6 and 7 and the regular series Bulletins 283 and 285 and Circular 152 were 6,000 copies each.

In addition to the publications covering the work of the year 73 bulletins and 29 circulars previously issued were reprinted, to a total number of 288,800 copies.

COUNTY EXPERIMENT FARMS.

At the November election in 1914 Mahoning and Trumbull counties voted in favor of establishing county experiment farms, authorizing a bond issue for this purpose of \$40,000 in Mahoning county and of \$25,000 in Trumbull.

A farm of 275 acres was selected for this purpose at Canfield, Mahoning county, but a defect in the title has prevented its transfer to the county. It is expected that this defect will be removed by court proceedings and that possession will be obtained in October.

In Trumbull county a farm of 153 acres, lying seven miles north of Warren and two miles west of Cortland, was selected and possession was given in the spring. It is now being drained and otherwise prepared for its work.

NEW BUILDINGS AND EQUIPMENT.

A dairy building was erected at the station during the year, to replace the one destroyed by fire in November, 1913. It is 40x58 feet outside

dimensions. It is constructed of red brick, trimmed with Cleveland stone. The basement contains a creamery room, a cold storage room, a receiving room, a room for caring for the milk from the station herd, and a milk testing laboratory.

The first floor contains a dairy chemistry laboratory of three rooms, a store room, an office and a feed preparation laboratory.

The second floor contains a laboratory for dairy bacteriology, consisting of three rooms, an office for the bacteriologist, library and three office rooms occupied by the head of the department and office assistants.

There is also an attic of good size which is used at present for storage.

This building furnishes the Department of Dairy Husbandry with quite complete office and laboratory facilities.

The last general assembly appropriated \$5,000 for a building for the Animal Husbandry Department of the station, which, however, will not be available until 1916.

REPORT OF STATE HIGHWAY DEPARTMENT

BUREAU OF CONSTRUCTION.

The principal work of this bureau is the directing of the necessary field work, preparing plans, estimates and specifications for proposed new highway construction; also the supervision and acceptance of all road construction work.

Attached hereto are tables and summary showing the work in a condensed form contracted for and completed during this period; these tables being separated according to the various types of road.

On November 16, 1914, there were 484.44 miles of uncompleted contracts, representing an aggregate sum of \$5,890,165.62. During the period covered by this report the department contracted for 99.21 miles of work at a cost of \$1,218,697.89. Thus the total amount of work under supervision during this time represents a cost \$7,108,863.51.

The field supervision of the Maintenance and Repair Bureau and the Bureau of Bridges is assumed very largely by the division engineers, whose work is primarily under the Bureau of Construction.

SUMMARY.

Improvements Contracted for Between November 16, 1914, and July 1, 1915.

Type.	Miles.	Contract Price.
Plain concrete	18.74	\$221,105 74
Reinforced concrete	5.80	85,597 52
Waterbound macadam	41.09	350,607 96
Bituminous macadam	2.11	26,897 00
Surface treated macadam	5.38	43,923 45
Brick on rolled foundation	5.23	85,425 82
Brick on concrete foundation	19.96	405,135 40
Totals	99.21	\$1,218,697 89

NOTE—Contract price includes grading and preparation of roadbed and roadway, the pavement, drainage structures and all items incidental to the completion of the improvement.

SUMMARY.

Contracts Completed Between November 16, 1914, and July 1, 1915.

Type.	Miles.	Contract Price.
Plain concrete	24.65	\$302,336 71
Waterbound macadam	51.72	445,763 64
Bituminous macadam	2.53	* 15,255 00
Surface treated macadam	3.95	29,443 75
Brick on rolled foundation	8.69	153,662 69
Brick on concrete foundation	29.51	588,694 12
Totals	121.05	\$1,535,155 91

*No bridges and culverts.

NOTE—Contract price includes grading and preparation of roadbed and roadway, the pavement, drainage structures and all items incidental to the completion of the improvement.

SUMMARY.

Type of Pavement.

	Plain concrete.	Reinforced concrete.	Waterbound macadam.	Bituminous macadam.	Surface treated macadam.	Brick (rolled foundation).	Brick (concrete foundation).	Construction of roadbed and roadway only.	Total mileage.	Contract price.
Work uncompleted Nov. 16, 1914.....	78.56	13.17	180.94	52.71	44.17	63.18	46.04	5.67	484.44	\$5,890,165 62
Improvements contracted between Nov. 16, 1914, and July 1, 1915	18.74	5.80	41.99	2.11	5.38	5.23	19.96	.....	99.21	1,218,697 89
Total of work under supervision during Nov. 16, 1914, and July 1, 1915.....	97.30	18.97	222.93	54.82	49.55	68.41	66.00	5.67	583.65	\$7,108,863 51

Total of partial and final estimates paid on improvements during Nov. 16, 1914 and July 1, 1915, \$2,358,416.26.

BUREAU OF BRIDGES.

The work of the Bureau of Bridges consists primarily of designing and estimating bridges and culverts which are to be built in connection with highway improvements by the State Highway Department. In addition to the work required in such improvements, the department prepares and maintains standard plans for bridges and culverts of various lengths, widths and types of construction, which plans are available for use by county officials on other than state roads. Other work of the bureau consists in advising with engineers and county officials in general with regard to bridge and culvert design and construction.

Table I shows the roads contracted for during the period mentioned on which bridges and culverts were included. This table shows, in addition to the number of bridges and culverts required, the estimated cost, the contract price and name of contractor.

Table II shows a summary of roads completed during the period mentioned, with the contract price of bridges and culverts and date of final settlement.

These summaries do not contain bridge plans under way at the close of the half year period, unless all the plans for the particular road were completed and approved at that time.

The Bureau of Bridges endeavors to inspect work under construction, but no attempt has been made to summarize this part of the work of the bureau, although a relatively large proportion of the time was so spent.

Many copies of specifications for steel and concrete bridges have been sent upon application, and are quite extensively used by county engineers in the design and construction of bridges.

No attempt has been made to summarize the work of the bureau spent in consultation with county engineers on matters pertaining to their work. It is believed that indirectly this feature of our work is of the greatest importance. It not only promotes uniformity throughout the state in bridge construction, but offers a means for individual engineers to obtain information gathered from larger fields of observation than their own.

That individual should achieve best results who can avoid the mistakes of his neighbors, and appropriate to his own use that which has been found the most successful by others. If this bureau were to do no more than to accurately report the successes and failures of eighty-seven counties to the eighty-eighth, its services would be of inestimable value.

In view of the recent revision of the highway laws, which will become effective in September and will introduce many new features, it does not seem proper to offer recommendations covering the legal status of the bureau. It is expected that the new duties of the state highway commissioner as laid down in the revised laws, will materially increase the work of the bureau, but until the new conditions have been tried, such recommendations as might be made here would lose weight, hence no suggestions as to the change in the established policy are made.

TABLE I—TABLE SHOWING ESTIMATED COST AND CONTRACT PRICE OF BRIDGES AND CULVERTS INCLUDED
IN CONTRACTS ENTERED INTO BETWEEN NOVEMBER 15, 1914, AND JUNE 30, 1915.

County and Road.	I.C.H. Sec.	Date of Sale.	Estimated Cost.	Contract Price.	Contractor.	Culverts.		Bridges.	
						New.	Rep.	New.	Rep.
Allen—									
Lima—Hospital Road.....	129 G	Apr. 2, 1915	\$193 50	\$169 00	Michael O'Brien.....				1
Ashland—									
Ashland—Loudonville.....	143 H	Apr. 30, 1915	1,896 10	1,400 00	Burke Construction Company.....			1	
Brown—									
Georgetown—Wilmington.....	175 B	Dec. 11, 1914	4,582 40	4,490 75	Thurber & Company.....	17		4	1
Butler—									
Cincinnati—Hamilton.....	39 G	Dec. 11, 1914	2,071 60	1,988 00	Garver & Wirtz.....	4		1	1
Champaign—									
Troy—Urbana Southern.....	471 K	Apr. 2, 1915	50 80	45 80	Korah E. Kunkle.....	1			
Clark—									
Springfield—Washington C. H.....	197 H	Apr. 2, 1915	626 35	566 00	Robins & McDaniels.....	5	1		
Defiance—									
Hicksville—Defiance.....	420 C	Apr. 30, 1915	352 20	314 00	Richard Conway.....	4	1		
Erie—									
Cleveland—Sandusky.....	3 K	Mar. 12, 1915	5,669 70	4,928 00	Buckeye Engineering Company.....	8	3	1	2
Cleveland—Sandusky.....	3 L	Apr. 2, 1915	9,577 08	8,274 00	Fred. R. Jones Company.....	8	1	2	
Fayette—									
Springfield—Washington.....	197 G	Apr. 2, 1915	92 80	91 90	Mark & Van Gundy.....	1	1		
Franklin—									
Columbus—Newark (M. & R.).....	47 L	June 29, 1915	2,538 63	2,330 00	Graham & Kintear.....	1	12		2
Columbus—Marysville (M. & R.).....	48 K	June 29, 1915	398 60	355 00	Graham & Kintear.....	3	8		1
Fulton—									
Wauseon—Morenci.....	298 E	Apr. 30, 1915	319 70	294 12	Rolla M. Myers.....	2	2		
Greene—									
Dayton—Chillicothe.....	29 R	Apr. 30, 1915	1,150 43	1,035 00	McGarry & Sparks.....		4		
Harrison—									
Steubenville—Cambridge.....	26 N	Apr. 30, 1915	487 15	448 00	J. P. Warnick.....	4			
Highland—									
Cadiz—Carrollton.....	371 M	Apr. 30, 1915	1,056 55	852 00	R. L. Timmons.....	11			
Knox—									
Milford—Hillsboro.....	9 H	Apr. 30, 1915	1,950 55	1,933 00	Ironton Transfer & Storage Co.....	5		2	
Lake—									
Mt. Vernon—Coshocton.....	339 G	Mar. 12, 1915	1,956 60	1,735 00	Jones Construction Company.....	13	5		
Columbus—Wooster.....	24 H	June 29, 1915	2,224 69	1,958 00	T. J. Connel.....	10			1
Mercer—									
Cleveland—Buffalo.....	2 H	Apr. 2, 1915	72 20	64 00	E. A. Freshwater & Company.....		1		
Painesville—Warren (M. & R.).....	153 A	June 29, 1915	582 30	512 00	Public Construction Company.....		1		
Miami—									
St. Marys—Ft. Wayne.....	173 F	Mar. 12, 1915	1,386 25	1,248 00	Isaac Putnam.....	5	1	1	1
Dayton—Troy.....	61 C	Jan. 8, 1915	5,504 50	5,134 27	J. M. Hennessey.....	1			
Monroe—									
Caldwell—Woodfield.....	386 H	Apr. 30, 1915	466 85	430 00	Ohio Valley Contr. Company.....	7			
Malaga—Alledonia.....	108 G	Apr. 30, 1915	925 50	934 50	Ohio Valley Contr. Company.....	10			
Montgomery—									
Dayton—Troy.....	61 I	Apr. 2, 1915	365 40	317 00	Ellsworth Bretlinger.....	1	3		
Morgan—									
McConnellsville—Caldwell.....	390 E	Jan. 8, 1915	8,687 50	8,425 87	H. C. Foster & Sons.....	11			2

TABLE I—Concluded.

County and Road.	I.C.H. Sec.	Date of Sale.	Estimated Cost.	Contract Price.	Contractor.	Culverts.		Bridges.	
						New.	Rep.	New.	Rep.
Muskingum—									
Zanesville—McConnellsville.....	345 N	June 29, 1915	\$546 38	\$481 00	Patrick & Company.....	3	.....	.....	1
Paulding—									
Defiance—Delphos.....	425 E	Apr. 2, 1915	1,026 05	872 00	Erie Stone Company.....	3	.....	.....	1
Paulding—Woodburn.....	433 F	Apr. 30, 1915	145 45	127 50	Clemmer & Johnson.....	6	1	.....	.....
Van Wert—Paulding.....	430 G	Apr. 30, 1915	1,083 65	955 00	R. C. Roach.....	1	2	.....	.....
Continental—Paulding.....	431 D	Apr. 2, 1915	107 00	94 50	R. C. Roach.....	1	.....	.....	.....
Perry—									
Logan—New Lexington.....	355 M	Apr. 30, 1915	6,246 96	5,180 00	Toy & Milligan.....	15	.....	2	.....
Portage—									
Ravenna—Parkman.....	326 M	Apr. 30, 1915	1,128 27	1,029 87	Ios. Mueller.....	2	3	1	1
Akron—Youngstown.....	18 N	Apr. 30, 1915	569 00	507 00	Miller Brothers.....	7	1	.....	.....
Putnam—									
Van Wert—Ottawa.....	435 H	Apr. 30, 1915	572 60	538 00	Barnes & Almindinger.....	3	3	.....	.....
Richland—									
Mansfield—Shelby.....	436 M	Apr. 30, 1915	681 38	674 50	F. L. Rice & Sons.....	8	.....	.....	.....
Mansfield—Wooster.....	146 N	Apr. 30, 1915	2,646 00	2,383 00	Ohio Valley Contr. Company.....	14	.....	1	.....
Ross—									
Chillicothe—Lancaster.....	301 L	Apr. 30, 1915	293 60	273 00	Brewer, Tomlinson & Brewer.....	1	.....	.....	.....
Columbus—Chillicothe Western.....	453 M	Apr. 30, 1915	706 00	664 00	J. P. Perry.....	2	.....	1	.....
Chillicothe—McArthur.....	365 K	Apr. 30, 1915	167 65	147 50	Vogelsburg & Iliff.....	2	.....	.....	.....
Sandusky—									
Fremont—Castalia.....	281 F	Apr. 2, 1915	1,517 33	1,335 00	Modern Construction Company.....	4	.....	1	2
Sandusky—Clyde.....	276 G	June 29, 1915	516 50	465 00	Earl Walters.....	4	1	.....	.....
Shelby—									
Piqua—Sidney.....	237 B	Apr. 2, 1915	1,143 25	1,092 00	Hamilton & Bunger.....	5	1	1	.....
Stark—									
Akron—Canton.....	66 G	Apr. 23, 1915	140 75	126 75	Loewensohn & Ule.....	2	.....	.....	1
Summit—									
Akron—Wooster.....	96 M	Jan. 8, 1915	3,352 98	3,098 15	H. O. Putnam.....	9	1	.....	.....
Akron—Cuyahoga Falls.....	92 K	Apr. 30, 1915	2,108 10	1,684 00	J. C. Devine.....	2	.....	.....	1
Trumbull—									
Warren—Sharon.....	329 N	Apr. 30, 1915	992 75	934 00	P. Mylott.....	3	4	1	.....
Youngstown—Warren.....	80 M	Apr. 30, 1915	480 25	444 00	P. Mylott.....	3	3	.....	.....
Tuscarawas—									
New Philadelphia—West Lafayette.....	408 I	Apr. 2, 1915	1,918 90	1,782 00	Springer & Rogers.....	3	3	.....	2
Canal Dover—Wooster.....	414 K	Apr. 2, 1915	2,316 35	2,085 00	Holmes Construction Company.....	1	1	.....	.....
Newcomerstown—Uhrichsville.....	413 I	Apr. 2, 1915	242 50	203 00	Yount & Jackson.....	3	.....	.....	.....
Warren—									
Cincinnati—Chillicothe.....	8 B	Apr. 2, 1915	1,715 75	1,612 00	Ironton Transfer & Storage Co.....	3	1	1	.....
Wayne—									
Orville Northern.....	417.....	Dec. 14, 1914	997 94	974 00	H. D. Shannon.....	2	.....	2	.....
Wooster—Massillon.....	69 J	Dec. 28, 1914	2,752 00	2,569 00	Central Construction Company.....	Concrete	.....	Conduit.	.....
Williams—									
Bryan—Pioneer.....	306 J	Apr. 2, 1915	1,305 35	1,182 00	Kelley Construction Company.....	3	.....	1	.....
Totals.....						245	69	28	19

TABLE II—TABLE SHOWING ROADS ON WHICH BRIDGES AND CULVERTS WERE COMPLETED AND ACCEPTED BETWEEN NOVEMBER 15, 1914, AND JUNE 30, 1915.

County and Road.	Inter-County Highway.	Section.	Contract Price of Bridges and Culverts.	Date of Final Estimate.
Belmont— National Road.....	1	I	\$2,618 00	Jan. 5, 1915
Champaign— Urbana-Sidney.....	192	J	271 04	Jan. 27, 1915
Clark— Springfield-Washington C. H.....	197	F	776 75	Mar. 20, 1915
Columbiana— Alliance-Salem.....	89	I	425 95	May 5, 1915
Defiance— Hicksville-Defiance.....	420	B	2,762 65	Jan. 15, 1915
Erie— Cleveland-Sandusky: (Old Woman's Creek Bridge Superstructure).....	3		1,870 00	June 24, 1915
(Old Woman's Creek Branch Substructure).....	3		8,659 83	May 15, 1915
Fayette— Hillsboro-Washington.....	259	D	207 00	Jan. 5, 1915
Fulton— Archbold-Payette.....	301	D	264 80	Nov. 24, 1914
Geauga— Cleveland-Meadville.....	15	G	1,689 75	June 2, 1915
Guernsey— Cambridge-Coshocton.....	249	J	522 58	May 24, 1915
Harrison— Steubenville-Cambridge.....	26	K	3,198 52	June 18, 1915
Hocking— Logan-New Lexington.....	355	G	2,156 18	June 4, 1915
Lawrence— Ohio River Road.....	7	E	1,080 18	Mar. 25, 1915
Marion— Columbus-Sandusky (M. & R.).....	4	G	1,583 60	Apr. 28, 1915
Mercer— St. Marys-Ft. Wayne.....	173	C	4,838 50	Jan. 22, 1915
Montgomery— Cincinnati-Dayton.....	19	E	824 80	Jan. 14, 1915
Dayton-Covington.....	63	H	444 90	Jan. 15, 1915
Dayton-Greenville.....	62	G	2,830 80	June 1, 1915
Paulding— Payne-Hicksville.....	427	B	26 10	Jan. 14, 1915
Seneca— Bucyrus-Tiffin.....	199	E	615 35	Dec. 16, 1914
Fostoria-Carey.....	268	I	200 80	June 28, 1915
Trumbull— Cleveland-Youngstown.....	322	D	3,093 69	Apr. 30, 1915
Tuscarawas— Uhrichsville-Newcomerstown.....	413	H	656 65	May 5, 1915
Van Wert— Van Wert-Ottawa.....	435	B	124 25	Dec. 2, 1914

BUREAU OF MAINTENANCE AND REPAIR.

The period covered by this report is but seven and one-half months duration. Inasmuch as this period includes the winter season, the amount of work actually performed does not compare with the average amount of work done for the entire year.

However, during the winter season there is much miscellaneous work to do which has kept the employes at the central office exceedingly busy. Since the law makes the Highway Department a sort of advisory board to township and county officials of the state, there comes to the department a great many inquiries, no small number of which are bearing on

the subject of maintenance and repair. Much time has been devoted to satisfactorily answer these questions as well as those of many private citizens which have found their way to the office.

Considerable work was done towards the preparation of a set of standards, which set of standards includes standard cross-sections for all the various types and widths of pavement commonly built, standard tool houses, tool boxes, a standard set of symbols for use of profiles and maps, guard rails, some small tools such as harrows, etc. An attempt has been made as the opportunity offered, to wage a campaign against the destruction of our good roads by driving in a single track. To this end, "Anti-Rut" signs have been erected in places along the road calling the drivers' attention to injury done the roads in this way.

Table I gives the amount of money paid on each contract during the period covered by the report. This is further subdivided into the amount charged to the four items of roadbed, surface, bridges and culverts, and engineering and superintendence. This table also gives the type of pavement, the nature of repairs contemplated by the contract, length of section of road, the width of metal and roadway, together with the date of letting, contract number, contractor's name and contract price.

Table II given in this report is a statement of the amount of money actually paid out for the maintenance and repair of state highways during the period November 16, 1914, to June 30, 1915. This is given by counties, and not only gives the total amount paid in each county for this purpose, but subdivides this into two parts: First, the part paid out on contracts, and second, the part paid out on "Force Account" work. ("Force Account" work includes that class of work wherein the employes are engaged directly by the department, and work under the supervision of a superintendent or foreman.) Referring to the totals of Table II, it will be observed that there was paid out during the time covered by this report \$102,156.70 on contracts; \$110,979.74 on "Force Account" work; or a total of \$213,136.44. The total miles of road on which this sum was expended which total miles includes all state roads accepted up to June 30, 1915, is about 870 miles.

Table III is a summary of all contracts let for maintenance and repair work during the period November 16, 1914, to June 30, 1915. It will be observed from this table that the total of the contracts let during this period amounts to \$187,199.38 and covers a mileage of 31.23 miles.

Inasmuch as the annual report made out covering thirteen and one-half months preceding January 1, 1916, covers the same period covered by this report, and also gives the distribution of the amount expended on each section of road by "Force Account" among the items, roadbed, surface, bridges and culverts, engineering and superintendence, it is deemed unnecessary to spend our valuable time in separating the expenditures among those items for the fractional part of the year. Further-

Amount Paid November 16, 1914, to June 30, 1915.

more, since on July 1st, there were outstanding a great many obligations in the way of moneys due for labor and material, and which moneys were not paid for some time after this date, frequently many weeks for some of the material, such a distribution for the fractional part of the year would be quite meaningless, if not altogether worthless. This very feature brings to our attention one of the important reasons for the annual report of this department, being made for the year ending December 31st, rather than June 30th. One other reason for making our annual report in January rather than in July is the fact that in July the engineers are busily engaged in the field, and if taken off their work at that time, it must necessarily suffer. I am mentioning these facts because of the great importance I think they have with reference to this bureau, well realizing the desirability at the same time of having all state departments submit a report covering the same period. If there can be some means devised for complying with this latter requirement, and at the same time provide for the report of this bureau being made for the calendar year, I think it very desirable to do so.

TABLE II—AMOUNT EXPENDED ON MAINTENANCE AND REPAIR.

NOVEMBER 16, 1914 to JUNE 30, 1915.

GIVEN BY COUNTY.

Counties.	Contract.	Force Acct.	Total.
Adams .....	.....	.....	.....
Allen .....	.....	\$6,369.40	\$6,369.40
Ashland .....	.....	2,063.01	2,063.01
Ashtabula .....	.....	8,935.31	8,935.31
Athens .....	.....	1,564.08	1,564.08
Auglaize .....	.....	1.82	1.82
Belmont .....	.....	6.75	6.75
Brown .....	.....	.....	.....
Butler .....	.....	540.51	540.51
Carroll .....	.....	.....	.....
Champaign .....	.....	3,815.38	3,815.38
Clark .....	.....	436.23	436.23
Clermont .....	.....	.....	.....
Clinton .....	.....	864.50	864.50
Columbiana .....	.....	334.48	334.48
Coshocton .....	.....	38.53	38.53
Crawford .....	.....	2,403.12	2,403.12
Cuyahoga	\$30,899.87	.....	30,899.87
Darke .....	.....	1,233.29	1,233.29
DeFiance .....	.....	.....	.....
Delaware .....	.....	108.91	108.91
Erie .....	.....	20.75	20.75
Fairfield .....	.....	3,810.11	3,810.11
Franklin	12,188.55	6,588.63	18,777.18
Fulton .....	.....	.....	.....
Gallia .....	.....	.....	.....
Geauga .....	.....	339.23	339.23
Greene .....	.....	1,338.46	1,338.46
Guernsey .....	.....	.....	.....
Hamilton .....	.....	307.57	307.57
Hancock .....	.....	423.50	423.50
Hardin	3,155.14	.....	3,155.14
Harrison .....	.....	2,465.65	2,465.65
Henry .....	.....	.....	.....
Highland .....	.....	1,217.48	1,217.48
Hocking .....	.....	132.34	132.34
Holmes	3,558.13	232.04	3,790.17
Huron .....	.....	1,405.08	1,405.08
Jackson .....	.....	2,562.31	2,562.31
Jefferson .....	.....	.....	.....
Knox .....	.....	.....	.....
Lake	655.75	218.05	873.80
Lawrence .....	.....	19.55	19.55
Licking	63.40	1,515.69	1,579.09
Logan .....	.....	.....	.....
Lorain	68.48	996.93	1,065.41
Lucas	296.47	.....	296.47
Madison .....	.....	2,607.50	2,607.50
Mahoning	27,832.00	654.27	28,487.27
Marion	7,939.65	.....	7,939.65
Medina	90.00	.....	90.00
Melgs .....	.....	35.27	35.27
Mercer .....	.....	155.10	155.10
Miami .....	.....	56.61	56.61
Monroe .....	.....	106.05	106.05
Montgomery .....	.....	3,822.92	3,822.92
Morgan .....	.....	1,069.24	1,069.24
Morrow .....	.....	26.03	26.03
Muskingum	1,929.10	1,196.85	3,125.95
Noble .....	.....	700.72	700.72
Ottawa .....	.....	.....	.....
Paulding .....	.....	8.26	8.26
Perry .....	.....	.....	.....
Pickaway	799.71	.....	799.71
Pike .....	.....	10,708.26	10,708.26
Portage .....	.....	5,631.16	5,631.16
Preble .....	.....	.....	.....
Putnam .....	.....	311.49	311.49
Richland	539.19	33.65	572.84

TABLE II—AMOUNT EXPENDED ON MAINTENANCE AND REPAIR.

gun	1,929.10	1,196.85	3,125.95
.....	.....	700.72	700.72
ing .....	.....	8.26	8.26
y .....	.....	.....	.....
kaway	799.71	.....	799.71
ke .....	.....	10,708.26	10,708.26
Portage .....	.....	5,631.16	5,631.16
Preble .....	.....	.....	.....
Putnam .....	.....	311.49	311.49
Richland	539.19	33.65	572.84

TABLE II—Concluded.

Counties.	Contract.	Force Acct.	Total.
Ross			
Sandusky	\$2,448.02		\$2,448.02
Scioto		\$963.64	\$963.64
Seneca			
Shelby		241.25	241.25
Stark			
Summit	412.49	10,682.51	11,095.00
Trumbull	9.00		9.00
Tuscarawas		4,165.39	4,165.39
Union	134.00	2,597.47	2,731.47
Van Wert		139.57	139.57
Vinton	9,136.75	35.36	9,172.11
Warren			
Washington		271.92	271.92
Wayne		1,019.70	1,019.70
Williams		10,056.19	10,056.19
Wood		1,874.47	1,874.47
Wyandot			
Totals	\$102,156.70	\$110,979.74	\$213,136.44

BUREAU OF TESTS.

The work of this bureau for the period beginning November 16, 1914, and ending June 30, 1915, was directed along the following lines:

Routine testing of samples of material submitted for use in the construction, maintenance and repair of state highways.

The routine testing consists in making physical and chemical tests on samples of various classes of road material submitted by engineers and inspectors on state highway work.

The number of samples received and tested during the seven and one-half months ending June 30, 1915, is as follows:

Paving brick	265	Samples
Stone and slag	133	"
Cement	539	"
Gravel, sand, etc.	266	"
Bituminous materials	50	"
Miscellaneous	16	"
Total	1,269	"

This number is exclusive of a large number of tests made on brick by our inspectors located at paving brick plants.

RESEARCH AND EXPERIMENTAL WORK.

As in most technical lines of endeavor, the subject of highway engineering offers a rather wide and fruitful field for chemical and physical investigations. While great progress has been made during the last few years in the realm of highway subjects, there still remains many vital questions and problems to be solved. The State Highway Department fully appreciates the importance of the many road problems, and its efforts are constantly directed toward their solution.

This applies both to investigations in the field and in the laboratory. A number of experimental roads has been constructed by the State Highway Department with the view of obtaining definite information on the relative value of various types of construction for different conditions of traffic, etc.

Likewise, a great deal of investigation work has been conducted in the chemical and physical laboratories of the department and much valuable information has been obtained therefrom.

While the work of the testing laboratory is primarily to make tests on samples of road material proposed to be used in the improvement of

state highways, there is generally some opportunity during the winter and early spring months, when the routine testing is not so heavy, to carry on work of an experimental nature.

The research work carried on during the past year consisted chiefly of experiments on concrete aggregates. In one series of tests a large number of concrete cubes were made up, using various kinds and proportions of aggregates. The aggregates used were limestone, gravel, slag and sand. The cubes were tested at various ages or periods for their compressive strength.

This series of tests when completed will cover a period of at least two years, the cubes being tested at the following periods: Seven days, 28 days, 90 days, six months, one year and two years.

In another series of tests various kinds of fine aggregate were investigated and tested as to their value in concrete pavements. For this purpose a special test for determining the hardness, or resistance to attrition or wear of such aggregates was developed. Cylindrical specimens two and one-half inches in diameter and two and one-half inches high were made, using various aggregate and proportions and tested in a manner similar to the standard hardness test for rock. In this test the face of the specimen is subjected to the grinding action of sand, fed upon a cast iron disk rotating at the rate of thirty revolutions per minute. The amount lost during one thousand revolutions was calculated in grams per square centimeter.

A number of other minor investigations were conducted during the year. A detailed report on the experiments conducted will be submitted as a separate report.

FIELD INSPECTION.

It is recognized that if full advantage is to be taken of the laboratory tests and the investigations conducted, that there should be a close correlation of the laboratory work and the construction and maintenance work of the department. To the end that the data collected by the laboratory may be of the greatest value, a number of inspection trips were made during the past year and examinations made of various types of road construction. One inspection trip was devoted exclusively to the examination and study of roads which had been surface treated with various kinds of bituminous materials. The materials used on these roads varied from a light oil to the heavier refined tars and asphaltic oil residuums. A complete record of the tests made on all the samples of bituminous material was studied in connection with the examination of each improvement. The various sections visited were studied and compared, consideration being given to the kinds of material used, methods of construction, traffic conditions, etc.

From the information gained from such inspections, we are enabled to keep closely informed about the behavior of the various products, and such information is of inestimable value in the preparation of specifications for given projects.

The field inspection of this bureau includes also the examination of sand and gravel deposits, stone quarries, etc., in connection with the use of such material on state highways. It includes also occasional visits to manufacturing plants at which state highway inspectors are located.

MISCELLANEOUS.

In addition to the strictly engineering and technical duties of this bureau, there is also a large amount of executive and miscellaneous work which cannot be properly classified under the above headings. The office work consists of general correspondence, preparing and copying reports of routine tests, maintaining various files and records; sending out notices of approval or rejection on all samples submitted; copying and tabulating data on tests, etc. It is, also, necessary to devote considerable time to consultation with the division engineers, resident engineers, inspectors, contractors, etc., in connection with the regular work of the department. Other miscellaneous duties include the preparation of bulletins and special reports on investigations, etc.

REPORT OF THE PUBLIC UTILITIES COMMISSION OF OHIO

STREET AND SUBURBAN RAILWAYS.

COMPARATIVE TABLE.

The following comparisons are made for year ending June 30, 1915, with those of the two preceding years, covering such information as relates to the State of Ohio.

MILEAGE.

Single track mileage operated—

1915, 625.67 miles. Increase in 1915 of 60.44 miles.
1914, 565.23 miles. Increase in 1914 of 3.02 miles.
1913, 562.21 miles.

RAILWAY OPERATING REVENUES.

Total operating revenues for Ohio—

1915, \$19,701,287.78. Increase in 1915 of \$169,600.23.
1914, 19,531,687.55. Increase in 1914 of 974,425.07.
1913, 18,557,262.48. Increase in 1913 of 643,021.73.

RAILWAY OPERATING EXPENSES.

Total operating expenses for Ohio—

1915, \$13,204,940.38. Decrease in 1915 of \$ 46,174.85.
1914, 13,251,115.23. Increase in 1914 of 884,295.27.
1913, 12,366,819.96. Increase in 1913 of 689,958.04.

NET REVENUE—RAILWAY OPERATIONS.

Total net revenue—railway operations—

1915, \$6,496,347.40. Increase in 1915 of \$215,775.08.
1914, 6,280,572.32. Increase in 1914 of 90,129.80.
1913, 6,190,442.52. Decrease in 1913 of 46,936.31.

TOTAL REVENUE PASSENGERS CARRIED.

Total revenue passengers carried—

1915, 547,495,167. Increase in 1915 of 45,797,291
1914, 501,697,876. Increase in 1914 of 17,000,964.
1913, 484,696,918. Increase in 1913 of 29,688,139.

PASSENGER REVENUE.

Total passenger revenue—

1915, \$18,870,287.72. Increase in 1915 of \$256,419.57.
1914, 18,613,868.15. Increase in 1914 of 898,981.30.
1913, 17,714,886.85. Increase in 1913 of 510,187.29.

FATAL AND INJURIOUS ACCIDENTS.

Total number of persons killed and injured—

1915, 8,209. Increase in 1915 of 146.

1914, 8,063. Increase in 1915 of 1,752.

1913, 6,311.

Of the above accidents the distribution was as follows:

Passengers—

1915, killed 7; injured 4,009.

1914, killed 10; injured 3,560.

1913, killed 15; injured 2,521.

Travelers on highway—

1915, killed 42; injured 3,168.

1914, killed 43; injured 3,103.

1913, killed 51; injured 3,064.

Employees—

1915, killed 6; injured 948.

1914, killed 4; injured 1,327.

1913, killed 8; injured 652.

Trespassers—

1915, killed 4; injured 25.

1914, killed 4; injured 12.

1913, killed 2; injured 8.

ELECTRIC INTERURBAN RAILWAYS.

COMPARATIVE TABLE.

The following comparisons are made for year ending June 30, 1915, with those of the preceding years of 1913 and 1914, covering such information as relates to the State of Ohio.

MILEAGE.

Single track mileage operated—

1915, 2,809.90 miles. Increase in 1915 of 64.87 miles.

1914, 2,745.03 miles. Decrease in 1914 of 1.49 miles.

1913, 2,746.52 miles. Increase in 1913 of 33.40 miles.

RAILWAY OPERATING REVENUES.

Total operating revenues for Ohio—

1915, \$17,936,854.45. Decrease in 1915 of \$643,299.53.

1914, 18,580,153.98. Increase in 1914 of 948,494.90.

1913, 17,631,659.08. Increase in 1913 of 820,854.48.

RAILWAY OPERATING EXPENSES.

Total operating expenses for Ohio—

1915, \$11,442,955.54. Decrease in 1915 of \$140,487.07.

1914, 11,583,442.61. Increase in 1914 of 795,812.67.

1913, 10,787,629.94. Increase in 1913 of 753,547.85.

NET REVENUE—RAILWAY OPERATIONS.**Total net revenue—railway operations—**

1915, \$6,493,898.91. Decrease in 1915 of \$502,812.46.
 1914, 6,996,711.37. Increase in 1914 of 142,681.93.
 1913, 6,854,029.44. Increase in 1913 of 97,306.93.

TOTAL REVENUE PASSENGERS CARRIED.**Total revenue passengers carried—**

1915, 181,563,665. Decrease in 1915 of 11,709,953.
 1914, 193,273,618. Increase in 1914 of 12,278,181.
 1913, 180,995,437. Decrease in 1913 of 7,164,351.

PASSENGER REVENUE.**Total passenger revenue—**

1915, \$15,320,456.28. Decrease in 1915 of \$547,424.10.
 1914, 15,867,880.38. Increase in 1914 of 868,071.96.
 1913, 14,999,808.42. Increase in 1913 of 691,694.93.

FATAL AND INJURIOUS ACCIDENTS.**Total number of persons killed and injured—**

1915, 1,352. Decrease in 1915 of 392.
 1914, 1,744. Increase in 1914 of 166.
 1913, 1,578. Increase in 1913 of 143.

Of the above accidents the distribution is as follows:

Passengers—

1915, killed 7; injured 614.
 1914, killed 13; injured 869.
 1913, killed 12; injured 798.

Travelers on highway—

1915, killed 49; injured 286.
 1914, killed 61; injured 176.
 1913, killed 53; injured 266.

Employees—

1915, killed 13; injured 298.
 1914, killed 11; injured 527.
 1913, killed 13; injured 341.

Trespassers—

1915, killed 27; injured 68.
 1914, killed 27; injured 60.
 1913, killed 36; injured 59.

STEAM RAILROADS.

COMPARATIVE TABLE.

The following comparisons are made for year ending June 30, 1915, with those of the preceding years of 1913 and 1914, covering such information as relates to the State of Ohio.

CAPITAL STOCK MILEAGE.**Capital stock mileage for—**

1915, Ohio, 9,251.48 miles. Entire line, 27,721.98 miles.
 1914, Ohio, 9,231.82 miles. Entire line, 25,210.65 miles.
 1913, Ohio, 9,223.72 miles. Entire line, 24,874.33 miles.

RAILWAY OPERATING REVENUES.

Total operating revenues for Ohio—

1915, \$170,828,592.52. Decrease in 1915 of \$12,144,659.42.
 1914, 182,973,251.94. Decrease in 1914 of 10,016,630.03.
 1913, 192,989,881.97. Increase in 1913 of 19,982,524.81.

PASSENGER TRAIN REVENUE.

Total passenger service train revenue—

1915, \$36,617,451.11. Decrease in 1915 of \$2,555,913.07.
 1914, 39,173,364.18. Increase in 1914 of 743,778.29.
 1913, 38,429,585.89. Increase in 1913 of 1,779,302.77.

FREIGHT AND MISCELLANEOUS REVENUE.

Total freight and miscellaneous revenue—

1915, \$134,211,141.41. Decrease in 1915 of \$ 9,588,746.35.
 1914, 143,799,887.76. Decrease in 1914 of 10,760,408.32.
 1913, 154,560,296.08. Increase in 1913 of 18,203,222.04.

PERCENTAGE OF TOTAL REVENUE EARNED BY THE DIFFERENT DEPARTMENTS.

The passenger department in 1915 earned 21.43 per cent.; in 1914, 21.41 per cent.; in 1913, 19.91 per cent.

Freight and miscellaneous items in 1915 earned 78.57 per cent.; in 1914, 78.59 per cent.; in 1913, 80.09 per cent.

PERCENTAGE OF REVENUES.

The revenues from operation on a basis of 100 per cent. were made in the following proportions.

Passenger earnings—

1915, 16.66 per cent. Decrease in 1915 of 0.02 per cent.
 1914, 16.68 per cent. Increase in 1914 of 1.28 per cent.
 1913, 15.40 per cent. Decrease in 1913 of 1.03 per cent.

Mail, express, baggage and other items—

1915, 4.77 per cent. Increase in 1915 of 0.04 per cent.
 1914, 4.73 per cent. Increase in 1914 of 0.22 per cent.
 1913, 4.51 per cent. Decrease in 1913 of 0.24 per cent.

Freight—

1915, 72.99 per cent. Decrease in 1915 of 0.66 per cent.
 1914, 73.65 per cent. Decrease in 1914 of 1.76 per cent.
 1913, 75.41 per cent. Increase in 1913 of 0.90 per cent.

Other sources—

1915, 5.58 per cent. Increase in 1915 of 0.64 per cent.
 1914, 4.94 per cent. Increase in 1914 of 0.26 per cent.
 1913, 4.68 per cent. Increase in 1913 of 0.37 per cent.

OPERATING EXPENSES.

Total operating expenses for Ohio—

1915, \$127,030,420.85. Decrease in 1915 of \$19,132,540.10.
1914, 146,162,960.95. Increase in 1914 of 2,430,476.05.
1913, 143,732,484.90. Increase in 1913 of 20,921,185.57.

The per cent. of revenues paid for operating expenses—

1915, 74.36 per cent. Decrease in 1915 of 5.52 per cent.
1914, 79.88 per cent. Increase in 1914 of 5.30 per cent.
1913, 74.58 per cent. Increase in 1913 of 3.60 per cent.

PASSENGER TRAFFIC.

Number of passengers carried—

1915, 39,152,775. Decrease in 1915 of 3,983,555.
1914, 43,136,330. Decrease in 1914 of 5,860.
1913, 43,142,190. Increase in 1913 of 403,712.

Number of passengers carried one mile—

1915, 1,469,745,814. Decrease in 1915 of 128,210,295.
1914, 1,597,956,209. Increase in 1914 of 26,492,881.
1913, 1,571,463,328. Increase in 1913 of 44,849,916.

Average distance a passenger was carried—

1915, 37.54 miles. Increase in 1915 of 0.50 miles.
1914, 37.04 miles. Increase in 1914 of 0.62 miles.
1913, 36.42 miles. Increase in 1913 of 0.70 miles.

Average amount received from each passenger—

1915, 72.7 cents. Increase in 1915 of 2.1 cents.
1914, 70.6 cents. Increase in 1914 of 1.7 cents.
1913, 68.9 cents. Increase in 1913 of 2.4 cents.

Average receipts per passenger per mile—

1915, 1.9 cents.
1914, 1.9 cents. Increase in 1914 of 0.1 cent.
1913, 1.8 cents.

Passenger earnings per mile—

1915, \$3,958.01. Decrease in 1915 of \$285.27.
1914, 4,243.28. Increase in 1914 of 76.27.
1913, 4,167.01. Increase in 1913 of 197.61.

Passenger earnings per train mile—

1915, \$1.24. Decrease in 1915 of 0.01 cent.
1914, 1.25. Increase in 1914 of 0.01 cent.
1913, 1.24. Increase in 1913 of 0.05 cent.

FREIGHT TRAFFIC.

Tons of freight transported earning revenue—

1915, 224,753,819 tons. Decrease in 1915 of 28,801,714 tons.
1914, 253,555,533 tons. Decrease in 1914 of 14,976,855 tons.
1913, 268,532,388 tons. Increase in 1913 of 42,820,869 tons.

Number of tons transported one mile—

1915, 23,189,429,214 tons. Decrease in 1915 of 2,717,250,588 tons.
 1914, 25,906,679,802 tons. Decrease in 1914 of 2,005,880,094 tons.
 1913, 27,912,559,896 tons. Increase in 1913 of 3,486,365,592 tons.

Average distance haul of one ton—

1915, 103.17. Increase in 1915 of 1.00 miles.
 1914, 102.17. Decrease in 1914 of 1.77 miles.
 1913, 103.94. Decrease in 1913 of 4.28 miles.

Average receipts per ton—

1915, 55.4 cents. Increase in 1915 of 2.3 cents.
 1914, 53.1 cents. Decrease in 1914 of 1.1 cents.
 1913, 54.2 cents. Decrease in 1913 of 2.9 cents.

Freight revenue per mile—

1915, \$13,476.72. Decrease in 1915 of \$1,119.82.
 1914, 14,596.54. Decrease in 1914 of 1,182.54.
 1913, 15,779.08. Increase in 1913 of 1,818.00.

Freight revenue per train mile—

1915, \$3.27. Increase in 1915 of \$0.24.
 1914, 3.03. Increase in 1914 of .02.
 1913, 3.01. Increase in 1913 of .26.

FATAL AND INJURIOUS ACCIDENTS.

Total number of persons killed and injured—

1915, 12,567. Decrease in 1915 of 4,365.
 1914, 16,932. Decrease in 1914 of 752.
 1913, 17,684. Increase in 1913 of 5,435.

Of the above accidents the distribution is as follows:

Passengers—

1915, killed 7; injured 297.
 1914, killed 13; injured 700.
 1913, killed 20; injured 676.

Travelers on highways—

1915, killed 112; injured 274.
 1914, killed 95; injured 288.
 1913, killed 121; injured 303.

Employees—

1915, killed 165; injured 10,628.
 1914, killed 308; injured 14,305.
 1913, killed 288; injured 15,190.

Trespassers—

1915, killed 428; injured 480.
 1914, killed 436; injured 457.
 1913, killed 460; injured 475.

Miscellaneous—

1915, killed 12; injured 164.
 1914, killed 32; injured 298.
 1913, killed 10; injured 141.

Grand Total—

1915, killed 724; injured 11,843.
 1914, killed 884; injured 16,048.
 1913, killed 899; injured 16,785.

REPORT OF THE SUPERINTENDENT OF PUBLIC INSTRUCTION

TABLE SHOWING SCHOOL YOUTH BY COUNTIES AND SCHOOL YOUTH
IN DIFFERENT LAND GRANTS.

Counties	Enumeration.			Youth in Different Land Grants.			
	Boys.	Girls.	Total youth.	Youth in the United States Military District.	Youth in Virginia Military District.	Youth in Connecticut Western Reserve.	Youth entitled to interest or rent on Section 16.
Adams	3,484	3,275	6,759	.....	6,759	.....	16,602
Allen	8,409	8,193	16,602	.....	.....	.....	5,216
Ashland	2,902	2,828	5,730	.....	.....	514	.....
Ashtabula	8,373	8,008	16,381	.....	.....	16,381	.....
Athens	7,442	7,020	14,462	.....	.....	.....	14,462
Auglaize	4,529	4,357	8,886	.....	18	.....	8,868
Belmont	12,471	11,600	24,071	.....	.....	.....	23,709
Brown	3,206	2,957	6,163	.....	6,163	.....	.....
Butler	10,476	9,860	20,336	.....	.....	.....	20,336
Carroll	2,122	1,900	4,022	.....	.....	.....	4,023
Champaign	3,181	3,008	6,189	.....	1,777	.....	4,412
Clark	9,645	9,069	18,714	.....	657	.....	18,657
Clermont	3,784	3,682	7,466	.....	7,466	.....	.....
Clinton	3,113	2,993	6,106	.....	6,106	.....	.....
Columbiana	10,458	9,984	20,442	.....	.....	.....	20,442
Coshocton	4,057	3,788	7,845	7,845	.....	.....	.....
Crawford	4,352	4,280	8,632	.....	.....	.....	8,632
Cuyahoga	97,437	95,201	192,638	.....	.....	192,638	.....
Darke	6,757	6,175	12,932	.....	.....	.....	12,932
Defiance	3,471	3,428	6,899	.....	.....	.....	6,899
Delaware	3,896	3,168	6,564	5,922	642	.....	.....
Erie	5,021	4,944	9,965	.....	.....	9,903	62
Fairfield	5,317	5,350	10,667	.....	.....	.....	10,667
Fayette	3,145	2,981	6,126	.....	6,126	.....	.....
Franklin	26,563	25,692	52,255	13,186	9,657	.....	29,412
Fulton	3,323	3,071	6,394	.....	.....	.....	5,948
Gallia	3,629	3,248	6,877	.....	.....	.....	6,877
Geauga	1,979	1,817	3,796	.....	.....	3,796	.....
Greene	3,876	3,580	7,456	.....	5,425	.....	2,031
Guernsey	6,661	6,301	12,962	10,236	.....	.....	2,726
Hamilton	53,794	51,898	105,692	.....	1,305	.....	49,089
Hancock	4,981	4,959	9,940	.....	.....	.....	9,940
Hardin	4,233	3,945	8,178	.....	2,454	.....	5,724
Harrison	2,540	2,351	4,891	.....	.....	.....	4,686
Henry	3,612	3,401	7,013	.....	.....	.....	7,013
Highland	3,671	3,381	7,052	.....	7,052	.....	.....
Hocking	3,942	3,442	7,384	.....	.....	.....	7,384
Holmes	2,577	2,346	4,923	3,540	.....	.....	1,383
Huron	4,064	3,920	7,984	.....	7,984	.....	.....
Jackson	4,525	4,151	8,676	.....	.....	.....	8,676
Jefferson	10,149	9,498	19,647	.....	.....	.....	19,647
Knox	3,707	3,480	7,187	7,150	.....	.....	37
Lake	3,870	3,187	6,557	.....	.....	6,557	.....
Lawrence	6,582	5,992	12,574	.....	.....	.....	12,574
Licking	7,292	6,818	14,110	13,247	.....	.....	863
Logan	3,898	3,693	7,591	.....	3,524	.....	4,067
Lorain	10,370	10,147	20,517	.....	.....	20,517	.....
Lucas	27,595	26,010	53,605	.....	.....	.....	53,605
Madison	2,854	2,668	5,522	.....	5,522	.....	.....
Mahoning	17,262	15,994	33,256	.....	.....	29,736	3,520

TABLE SHOWING SCHOOL YOUTH BY COUNTIES AND SCHOOL YOUTH
IN DIFFERENT LAND GRANTS—Concluded.

Counties.	Enumeration.			Youth in Different Land Grants.			
	Boys.	Girls.	Total youth.	Youth in the United States Military District.	Youth in Virginia Military District.	Youth in Connecticut Western Reserve.	Youth entitled to interest or rent on Section 16.
Marion	5,185	4,905	10,090	658	424	.....	9,008
Medina	3,088	2,995	6,083	.....	.....	6,083	.....
Meigs	3,875	3,547	7,422	.....	.....	.....	7,422
Mercer	4,321	4,039	8,360	.....	.....	.....	8,360
Miami	5,960	5,762	11,712	.....	.....	.....	11,712
Monroe	3,538	3,196	6,734	.....	.....	.....	6,734
Montgomery	19,699	18,975	38,674	.....	.....	.....	38,674
Morgan	2,077	1,941	4,018	.....	.....	.....	4,018
Morrow	2,264	2,059	4,323	1,718	.....	.....	2,605
Muskingum	7,274	6,817	14,091	6,690	.....	.....	7,401
Noble	2,720	2,559	5,279	12	.....	.....	5,267
Ottawa	3,204	3,172	6,376	.....	.....	1,071	5,305
Paulding	3,284	3,198	6,482	.....	.....	.....	6,482
Perry	5,556	5,121	10,677	.....	.....	.....	10,677
Pickaway	3,593	3,282	6,875	.....	2,945	.....	3,930
Pike	2,400	2,207	4,607	.....	2,988	.....	1,619
Portage	4,287	3,817	8,104	.....	.....	8,104	.....
Preble	3,094	2,709	5,803	.....	.....	.....	5,803
Putnam	4,408	4,302	8,710	.....	.....	.....	8,710
Richland	6,057	5,843	11,900	.....	.....	980	10,920
Ross	5,472	5,114	10,586	.....	8,111	.....	2,475
Sandusky	4,802	4,343	9,145	.....	.....	.....	8,945
Scioto	8,043	7,511	15,554	.....	3,082	.....	12,472
Seneca	5,740	5,551	11,291	.....	.....	.....	11,291
Shelby	3,515	3,376	6,891	.....	.....	.....	6,891
Stark	18,284	16,856	35,140	.....	.....	.....	35,140
Summit	17,469	16,552	34,021	.....	.....	33,127	894
Trumbull	8,001	7,558	15,559	.....	.....	15,559	.....
Tuscarawas	8,413	8,139	16,552	15,236	.....	.....	1,316
Union	3,084	3,003	6,087	.....	6,087	.....	.....
Van Wert	4,137	3,834	7,971	.....	.....	.....	7,971
Vinton	2,024	1,776	3,800	.....	.....	.....	3,800
Warren	3,410	3,110	6,520	.....	2,012	.....	4,508
Washington	6,348	5,837	12,185	.....	.....	.....	11,684
Wayne	5,203	4,757	9,960	.....	.....	.....	9,960
Williams	3,306	3,046	6,352	.....	.....	.....	6,352
Wood	6,579	6,391	12,970	.....	.....	.....	12,970
Wyandot	2,769	2,541	5,310	.....	.....	.....	5,310
Totals	665,880	632,876	1,298,656	85,440	96,302	352,950	707,152

COLLEGES AND UNIVERSITIES.

Name.	Location.	Year of Founding. For Men, or Co-Ed. or Women.	President.	Principal of Preparatory School.	Denomination.	Days of Regular Instruc- tion.
Municipal University of Akron.....	Akron.....	1872 Coed	Parke Rexford Kolbe.....	.....	Non-Sectarian.....	210
Antioch College.....	Yellow Springs.....	1853 Coed	S. D. Fess.....	.....	Non-Sectarian.....	180
Baldwin-Wallace College.....	Berea.....	1845 Coed	Arthur Louis Breslich.....	Paul Flemming.....	M. E.....	216
Bluffton College.....	Bluffton.....	1900 Coed	S. K. Mosiman.....	R. V. Lehmilt.....	Mennonite.....	178
Capital University.....	Columbus.....	1850 Men	Otto Mees.....	.....	Lutheran.....	180
Case School of Applied Science.....	Cleveland.....	1881 Men	Chas. Sumner Howe.....	.....	.....	228
Cedarville College.....	Cedarville.....	1887 Coed	Wilbert Renwick McChesney.....	Wilbert R. McChesney.....	R. Presbyterian.....	175
University of Cincinnati.....	Cincinnati.....	1870 Coed	Chas. Wm. Dabney.....	.....	Non-Sectarian.....	.....
Defiance College.....	Defiance.....	1902 Coed	Peter Wesley McReynolds.....	H. Rhoades Hundley.....	Christian.....	219
Denison University.....	Granville.....	1831 Coed	Clark Wells Chamberlain.....	.....	Baptist.....	.....
Findlay College.....	Findlay.....	1882 Coed	Wm. Harris Guyer.....	.....	Churches of God.....	190
Heidelberg University.....	Tiffin.....	1850 Coed	Chas. E. Miller.....	E. I. F. Williams.....	Evangelical Church.....	180
Hiram College.....	Hiram.....	1850 Coed	Miner Lee Bates.....	.....	Dia. of Christ.....	180
Kenyon College.....	Gambier.....	1824 Men	Wm. R. Felce.....	.....	P. E.....	200
Lake Erie College.....	Painesville.....	1859 Women	Vivian Blanche Small.....	.....	Non-Sectarian.....	170
Lebanon University.....	Lebanon.....	1835 Coed	H. E. Cunningham.....	H. E. Cunningham.....	.....	240
Marietta College.....	Marietta.....	1835 Coed	Geo. Wheeler Hinman.....	.....	Non-Sectarian.....	218
Miami University.....	Oxford.....	1809 Coed	R. M. Hughes.....	.....	State.....	180
Mt. Union College.....	Alliance.....	1846 Coed	W. H. McMaster.....	.....	Methodist.....	180
Muskingum College.....	New Concord.....	1837 Coed	J. Knox Montgomery.....	John G. Lowery.....	U. Presbyterian.....	180
Oberlin College.....	Oberlin.....	1833 Coed	Henry Churchill King.....	John T. Shaw.....	Non-Sectarian.....	180
Ohio University.....	Athens.....	1804 Coed	Alston Ellis.....	Fletcher S. Coultrap.....	State.....	185
Ohio Northern University.....	Ada.....	1871 Coed	Albert Edwin Smith.....	C. H. Freeman.....	Baptist.....	190
Ohio State University.....	Columbus.....	1870 Coed	Wm. Orley Thompson.....	.....	State.....	240
Ohio Wesleyan University.....	Delaware.....	1841 Coed	Herbert Welch.....	D. L. Edwards.....	State.....	201
Ottawa University.....	Westerville.....	1847 Coed	W. G. Clippinger.....	R. H. Wagoner.....	U. B.....	180
The Oxford College for Women.....	Oxford.....	1850 Women	Jaac Sherzer.....	.....	Non-Sectarian.....	190
Rio Grande College.....	Rio Grande.....	1876 Coed	Simon H. Bing.....	Stella May Fulton.....	Baptist.....	190
St. Ignace College.....	Cleveland.....	1886 Men	John E. Furay.....	Kellinger & Peters.....	Catholic.....	179
St. John's University.....	Toledo.....	1898 Men	J. A. Wetland.....	J. S. Rayer.....	Catholic.....	.....
St. Mary College.....	Dayton.....	1850 Men	Bernard P. O'Reilly.....	Jos. A. Tetzlaff.....	Catholic.....	200
St. Xavier College.....	Cincinnati.....	1840 Men	Francis Heilmann.....	Albert C. Fox.....	Catholic.....	185
Toledo University.....	Toledo.....	1882 Coed	A. Monroe Stowe.....	.....	Municipal.....	.....
The Western College for Women.....	Oxford.....	1865 Women	W. W. Boyd.....	W. W. Boyd.....	Non-Sectarian.....	179
West Lafayette College.....	West Lafayette.....	1900 Coed	A. F. Hess.....	.....	M. P.....	180
Western Reserve University.....	Cleveland.....	1826 Coed	Chas. Franklin Thwing.....	.....	Non-Sectarian.....	216
Wilberforce University.....	Xenia.....	1863 Coed	Wm. Sanders Scarborough.....	Gilbert H. Jones.....	A. M. E.....	190
Wilmington College.....	Wilmington.....	1870 Coed	Samuel H. Hodgin.....	R. W. McKinney.....	Friends.....	180
Wittenberg College.....	Springfield.....	1845 Coed	Chas. G. Heckert.....	John Howard Dickason.....	Lutheran.....	172
The College of Wooster.....	Wooster.....	1866 Coed	Louis Edward Holden.....	.....	Presbyterian.....	160
Ashland College.....	Ashland.....	1878 Coed	William Davis Furry.....	Edward Byers.....	Brethren.....	180
Franklin College.....	New Athens.....	1818 Coed	E. M. Baxter.....	E. M. Baxter.....	Non-Sectarian.....	204

COLLEGES AND UNIVERSITIES—Concluded.

Name.	Officers of Instruction.						Enrollment and Classification.																
	Full Professors.	Adjunct, Associate and Assistant Professors.	Instructors and Tutors.	Lecturers.	Total.		Preparatory Department.	Instructors, Collegiate Department.	Instructors, Preparatory Department.	By Classes.						Total Registration Collegiate Department.		Total Registration Preparatory Department.					
					Men.	Women.				Enrollment in Degree Courses.	Freshman.	Sophomore.	Junior.	Senior.	Unclassified.	Men.	Women.	Total.	Men.	Women.	Total.		
Municipal University of Akron	9	6	10	0	4	20	9	29	0	29	0	238	131	43	42	17	155	94	249	0	0	0	
Antioch College.....	11	0	6	4	0	14	7	21	17	21	17	55	17	15	10	19	2	28	27	55	12	11	23
Baldwin-Wallace College.....	14	1	3	0	0	16	2	18	15	18	15	229	81	48	434	26	31	142	87	229	137	17	154
Bluffton College.....	7	11	0	12	0	24	6	30	8	18	4	82	48	13	11	10	6	43	45	88	18	17	35
Capital University.....	12	0	4	4	0	20	....	20	9	20	9	87	32	25	15	9	6	87	0	87	85	0	85
Case School of Applied Science	13	9	29	1	0	51	0	51	0	51	0	....	191	133	118	106	0	549	0	549	....	....	....
Cedarville	7	0	0	0	0	1	6	7	8	10	53	19	12	9	9	7	6	29	24	53	4	8	8
University of Cincinnati.....	60	67	86	14	36	241	22	263	0	263	0	2,298	517	310	266	147	1,068	1,242	2,298	....	....	....	....
Defiance College.....	14	0	6	0	0	16	10	26	10	26	10	169	80	28	27	17	17	83	86	169	34	21	55
Denison University.....	18	10	16	0	0	31	13	44	9	44	9	428	182	108	72	66	0	248	180	428	99	42	141
Findlay College.....	10	3	0	0	3	9	7	16	4	16	4	62	23	12	15	3	9	27	35	62	35	19	54
Heidelberg University.....	12	2	5	0	3	19	3	22	6	22	6	205	78	52	37	98	17	130	92	232	31	12	43
Hiram College.....	7	9	5	0	7	18	10	28	0	28	0	222	81	47	30	35	29	138	94	233	....	....	....
Kenyon College.....	13	21	1	0	0	15	0	15	0	15	0	129	53	45	23	8	....	156	0	156	....	....	....
Lake Erie College.....	13	5	7	0	0	1	34	25	0	25	0	127	54	37	19	17	3	0	130	130	....	....	....
Lebanon University.....	4	3	0	0	0	6	1	7	16	7	16	57	0	29	0	10	18	36	21	57	70	85	155
Marietta College.....	11	0	4	3	3	19	2	21	0	0	0	205	76	57	26	25	21	144	205	....	....	....	....
Miami University.....	26	18	10	0	4	45	13	58	0	0	0	278	0	201	66	81	12	288	348	636	....	....	....
Mt. Union College.....	16	0	4	0	12	18	14	38	0	32	0	252	11	55	44	36	40	135	97	252	19	13	32
Muskingum College.....	10	2	1	0	0	11	2	13	7	7	7	275	114	63	60	41	16	164	132	296	87	85	172
Oberlin College	24	16	18	0	3	42	17	59	18	59	18	970	325	258	181	188	55	395	607	1,002	102	90	192
Ohio University.....	37	10	18	0	0	54	11	65	4	65	4	1,359	506	322	95	96	340	648	711	1,359	230	119	349
Ohio Northern University.....	10	2	0	0	0	11	1	12	8	12	8	160	0	0	0	0	0	114	46	160	187	44	231
Ohio State University.....	144	84	100	0	67	366	29	395	0	395	0	4,306	4,671	1,145	796	642	256	3,554	1,043	4,597	....	....	....
Ohio Wesleyan University....	19	12	16	0	4	40	11	51	4	51	4	917	352	242	158	165	65	528	462	990	27	8	35
Otterbein University	12	0	0	0	8	11	9	20	6	20	6	231	69	59	39	61	3	126	105	231	49	14	63
Oxford College for Women...	15	0	3	0	0	2	16	18	0	0	0	122	55	29	21	17	40	0	122	122	....	....	....

Rio Grande College.....	6	0	1	7	10	10	27	8	6	4	3	15	12	27	88	85	173
St. Ignatius College.....	9	0	0	9	23	9	66	20	15	19	0	68	0	66	399	0	399
St. John's University.....	9	0	0	9	0	0	0	16	7	6	0	29	0	29	261	0	261
St. Mary College.....	18	0	0	20	21	20	0	26	21	10	0	70	0	70	312	0	312
St. Xavier.....	8	0	0	26	20	26	522	20	27	9	0	61	0	61	351	0	351
Toledo University.....	8	1	4	16	0	16	0	170	20	9	11	58	156	214	.....	.....	.....
Western College for Women..	14	13	3	32	35	0	0	102	62	38	27	0	255	255	.....	.....	.....
West Lafayette College.....	7	0	4	5	11	0	0	12	3	6	89	17	10	27	17	18	35
Western Reserve University..	31	14	31	20	87	0	853	326	208	161	118	35	436	417	853	.....	.....
Wilberforce University.....	9	0	6	12	15	9	84	18	18	11	9	5	38	23	61	64	42
Wilmington College.....	10	2	8	13	4	17	0	104	10	30	29	15	58	52	110	.....	.....
Wittenberg College.....	15	2	2	6	24	5	5	121	71	55	52	81	256	124	380	59	24
College of Wooster.....	20	4	13	39	13	39	444	150	128	83	81	2	265	179	444	114	96
Ashland College.....	5	7	2	8	14	0	0	24	9	6	7	108	79	75	154	26	18
Franklin College.....	11	0	3	7	14	.....	.....	26	18	15	8	13	53	26	79	19	24
Total	720	315	421	325	1,717	257	15,348	5,955	4,028	2,660	2,297	2,471	10,597	7,117	17,714	2,836	908,374

GENERAL SUMMARY.

Youth between six and twenty-one years of age-----	1,298,656
Boys -----	665,880
Girls-----	632,876
Number of school Buildings—	
Cities -----	997
Villages -----	917
Rurals -----	10,425
Total -----	12,339
Number of school rooms—	
Cities -----	11,346
Villages -----	4,947
Rurals -----	11,973
Total -----	28,266
Number of seats or sittings—	
Cities -----	489,593
Villages -----	191,366
Rurals -----	424,268
Total -----	11,105,227
Number of buildings erected—	
Cities -----	54
Villages -----	56
Rurals -----	122
Total -----	232
Value of school property—	
Cities -----	85,215,247
Villages -----	17,781,278
Rurals -----	18,244,583
Total -----	101,241,108
Number of different teachers employed in elementary schools—	
Cities—	
Men -----	516
Women -----	10,108
Villages—	
Men -----	454
Women -----	3,114
Rurals—	
Men -----	4,273
Women -----	7,368
Total number of men employed-----	5,243
Total number of women employed -----	20,590
Total -----	25,833

GENERAL SUMMARY—Continued.

Number of different teachers employed in high schools—

Cities—	
Men	993
Women	1,339
Villages—	
Men	817
Women	717
Rurals—	
Men	528
Women	329
Total number of men employed.....	2,338
Total number of women employed.....	2,385
Total	4,723
Grand total of different teachers, elementary and high, in the state	30,556

Number of teachers teaching first school—elementary—

Cities	651
Villages	342
Rurals	2,847
Total	3,840

Number of teachers teaching first school—high—

Cities	111
Villages	192
Rurals	172

Total	475
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Grand total of teachers teaching first school, elementary and high	4,315
--	-------

Average annual salary—elementary—

Cities—	
Men	\$931
Women	562
Villages—	
Men	489
Women	448
Rurals—	
Men	425
Women	402

Average annual salary—high—

Cities—	
Men	\$1,051
Women	859
Villages—	
Men	789
Women	634
Rurals—	
Men	719
Women	595

GENERAL SUMMARY—Continued.

Total enrollment—elementary—

Cities—		
Boys	-----	190,598
Girls	-----	186,439
Villages—		
Boys	-----	66,863
Girls	-----	64,061
Rurals—		
Boys	-----	164,935
Girls	-----	153,005
Total boys	-----	422,396
Total girls	-----	403,505
Grand total		825,901

Total enrollment—high—

Cities—		
Boys	-----	31,673
Girls	-----	28,870
Villages—		
Boys	-----	14,880
Girls	-----	17,254
Rurals—		
Boys	-----	5,885
Girls	-----	6,320
Total boys	-----	52,438
Total girls	-----	52,444
Grand total		104,882
Grand total, elementary and high		930,783

Average daily attendance, elementary—

Cities—		
Boys	-----	168,657
Girls	-----	157,961
Villages—		
Boys	-----	57,468
Girls	-----	55,232
Rurals—		
Boys	-----	120,585
Girls	-----	115,038
Total boys	-----	346,710
Total girls	-----	328,231
Grand total		674,941

Average daily attendance—high—

Cities—		
Boys	-----	22,777
Girls	-----	25,367

GENERAL SUMMARY—Continued.

Villages—	
Boys	13,393
Girls	15,640
Rurals—	
Boys	4,961
Girls	5,456
Total number of boys.....	41,131
Total number of girls.....	46,463
Grand total	87,594
Number of centralized or consolidated schools as reported by county superintendents	468

RECEIPTS.

Balance on hand at beginning of year	\$19,784,813 91
State common school fund	2,583,879 06
Other state funds	376,013 20
Income from leases of unsold school lands.....	10,348 77
Local tax for school purposes	27,704,863 11
Business taxes, licenses, etc.....	19,860 19
Fines and penalties	62,185 12
Interest on funds deposited by order of board of education.....	375,553 67
From sale of bonds	10,967,513 35
From sale and rents of property, insurance adjustments, etc.....	287,630 74
Weak districts	106,796 48
Standardized schools	8,936 71
Blind, deaf and crippled children	36,806 23
Normal schools	22,810 54
Tuition from non-resident pupils, gifts, contributions and all other sources	2,059,418 72
Total receipts	44,622,633 89
Total receipts including balance	64,407,447 80

EXPENDITURES.

School board and business officers, clerk's salary, etc.....	\$652,647 79
Superintendents including amount paid for county and district....	593,407 68
Compulsory education	83,196 23
Salaries and expenses of supervising principals—	
Elementary	560,891 05
High	232,027 74
Salaries and expenses of supervisors of instruction—	
Elementary	333,110 68
High	106,491 55
Salaries of all teachers—	
Elementary	13,730,083 59
High	3,827,173 33
Text books	401,450 78
Stationery, supplies and all other expenses of instruction.....	571,487 73

GENERAL SUMMARY—Concluded.

Wages of janitors, engineers, etc.....	\$1,578,620 11
Fuel, water, light, power, janitor supplies and other expenses of operation	1,287,696 98
Maintenance of school plant (repairs of equipment and other expenses)	1,540,764 65
Library	111,965 00
Promotion of health	74,474 64
Transportation	473,769 56
Maintenance of manual training classes.....	81,718 17
All other expenses (rents, pensions, etc.).....	1,387,754 78
Total current expenses	27,628,732 04
New grounds and buildings and alterations of old buildings.....	8,415,335 77
New equipment (not replacement).....	567,340 80
Redemption of bonds and settlement of loans.....	3,205,057 69
Transfer to sinking fund	405,077 10
Interest paid on indebtedness	1,398,917 04
Grand total of payments for all purposes.....	46,445,734 63
Balance on hand at end of school year.....	17,961,713 17

Condition of county board of education fund:

RECEIPTS.

Balance on hand September 1, 1914	\$351,450 72
Received from state for county superintendents' salaries.....	86,251 47
Received from state for district superintendents' salaries.....	223,123 69
Received from districts for county superintendents' salaries and expenses	114,470 49
Received from districts for district superintendents' salaries....	472,187 88
Examination fees	14,499 85
Surplus dog tax	58,925 65
City institute fund	1,918 78
All other sources	19,899 77
Total receipts including balance	1,342,728 30

EXPENDITURES.

Salary of county superintendents	\$177,591 66
Expenses of county superintendents.....	27,514 75
Expenses of county boards of education.....	10,057 50
Salary of district superintendents.....	788,339 82
Expenses of county institutes	9,518 73
All other expenses	33,917 46
Total	1,046,939 92
Balance on hand August 31, 1915.....	295,788 38

REPORT OF THE STATE BOARD OF SCHOOL EXAMINERS

Meetings were held by the examiners in Columbus on December 28, 29, 30 and 31, 1914; April 15, 1915, and June 24, 25 and 26, 1915.

Charges were filed against but one holder of a state life certificate. These charges were not sustained by the evidence and were dismissed by the board.

Certificates were issued at the meetings on December 28, 29, 30 and 31, 1914, and June 24, 25 and 26, 1915.

December, 1914—	H. S.	El.	Spec.
Number taking examination.....	7	31	3
Number passing examination.....	7	20	3
June, 1914—			
Number taking examination	3	6	2
Number passing examination.....	2	5	1

Certificates because of eminent rank in education were granted in December, 1914, to Edwin J. Brown, superintendent of the Dayton schools, and to Oliver P. Vorhees, principal in the Cincinnati schools.

In December, 1914, the first certificates without examination under the new school code, sections 7807-6 and 7807-7, were granted. The board found it necessary to investigate the success of the experience of hundreds of applicants who desired to secure certificates in December, 1914, and again in June, 1915. The office of Superintendent of Public Instruction undertook to examine the credentials of all of these applicants, while the Board of Examiners were compelled to assume the responsibility of passing upon their experience.

December, 1914—

636 applications considered under Section 7807-7.

421 certificates granted under Section 7807-7.

4 applications considered under Section 7807-6.

4 certificates granted under Section 7807-6.

June, 1915—

697 applications considered under Section 7807-7.

410 certificates granted under Section 7807-7.

5 applications considered under Section 7807-6.

5 certificates granted under Section 7807-6.

REPORT OF THE DEPARTMENT OF BANKS AND BANKING

By act of the legislature the departmental year in Ohio has been made to coincide with the federal fiscal year. This, the Eighth Annual Report of the Department of Banks and Banking, covers therefore only the period between November 15, 1914, when the seventh report was filed, and June 30, 1915, the close of the fiscal year. It is a record of administration for thirty-two weeks instead of fifty-two weeks.

Despite profound economic disturbances incident to the world-wide war the history of this period in the banks of Ohio is one of uninterrupted progress and substantial growth. In the preceding three years an average of five banks a year had been closed by the department. Not a single bank was closed in the period covered by this report—a fact that bears its own testimony to sound financial conditions among Ohio institutions. Thirteen new state banks have been incorporated, eight of them changed over from private banks, and the number of state banks is now 553.

The total capital stock of these banks is now \$47,159,410.00, a gain of \$1,663,460.00 for the fiscal year ended June 30, 1915. The total surplus fund of these banks is now \$30,670,122.94, a gain of \$1,148,912.89 for the fiscal year. The total undivided profits account of these banks is now \$11,295,063.15, a gain of \$3,368,225.21 for the fiscal year. In these three items the state banks of Ohio have built up an additional protection to depositors and stockholders of no less than \$6,180,598.10. Since the organization of this department in 1908, the number of state banks has increased from 460 to 553, their capital stock from \$37,726,020.34 to \$47,159,410.00 and their total resources from \$413,984,036.54 to \$650,144,705.55.

PRIVATE BANKS.

Since the enactment of the Kennedy private banking act, effective September 1, 1913, requiring private banks to report to this department, there has been some reduction in their number incident to the liquidation of several and to the incorporation of others. Their total number has decreased from 216 to 188, and their total resources have decreased from \$47,048,266.15 to \$36,068,086.09. Two items from the comparative statement of their condition on September 4, 1913, and June 23, 1915, are indicative of the improvement effected by state supervision. Their overdrafts have been reduced from \$717,454.63 to \$114,988.26, or more than 80 per cent. Their cash items have been reduced from \$202,126.53 to \$34,135.45, also a reduction of more than 80 per cent.

The outstanding facts in the comparative statement of condition of the incorporated state banks on June 30, 1914, and June 23, 1915, are:

First, a considerable enlargement of loans on real estate; and, second, a slight diminution of the municipal bond account. The loans on real estate increased between the two periods from \$143,748,174.47 to \$157,213,230.26 or by \$13,465,055.79. The aggregate of municipal bonds held by the banks fell between the two periods from \$58,970,786.10 to \$57,458,849.94, a decline of \$1,511,936.16. In the period between September 4, 1913, and June 23, 1915, the municipal bond holdings of private banks decreased from \$1,434,067.28 to \$884,201.68 or by more than one-third.

EARNINGS.

During the calendar year ended January 1, 1915, the state banks of Ohio earned \$31,793,203.68. Of this sum about 50 per cent. was paid out for interest on deposits; about 12 per cent. was paid for salaries and about 8 per cent. for dividends, and about 5 per cent. was paid for taxes and about 7 per cent. charged to surplus account, while 8 per cent. was consumed by miscellaneous expenses and 9 per cent. charged off. The significant fact in this showing is that for every dollar Ohio banks paid their stockholders in dividends, they paid their depositors four dollars in interest.

While the federal currency act has been of continual service in stabilizing interest rates, and removing from the horizon of banking any apprehension of monetary stringency, thus far it has quite failed to attract state banks to the national system. Only one state bank in Ohio has become a national bank since the law went into force. There is one less national bank in Ohio than there was a year ago, and there are twenty-three more state banks. The resources of the 553 incorporated state banks of Ohio now stand at \$650,144,705.55, a gain for the year of \$19,198,615.66. The resources of the 378 national banks in Ohio now stand at \$591,446,756.41, a gain of \$5,893,708.82. The ratio of increase in resources is 3 per cent. for state banks to 1 per cent. for national.

NO BANK FAILURES.

Mindful of its responsibilities to depositors, the department has intervened to reform abuses, correct methods, and require a change in personnel wherever its examination of banks has disclosed the need therefor. It has used its powers above all to conserve, and is glad to announce that in every case it has succeeded, so that the period has passed without a bank failure. At the same time, the affairs of failed banks, whose liquidation it took over from the preceding administration, have been economically and efficiently conducted through a bureau in the department with an attorney in charge. The services of outside attorneys have been largely dispensed with, and the task of gathering in and distributing the

resources of these defunct institutions has been accomplished at a small fraction of the cost that was assessed on depositors under the old system. It has been a work of practical conservation.

The following named banks have been completely liquidated in the period between November 15, 1914, and June 30, 1915, with total dividends as follows:

Albany State Bank.....	Albany	41½%
Murray City Bank.....	Murray	100
Crown City Bank.....	Crown City	100
Merchants & Miners Bank.....	Nelsonville	100
Ohio Savings Bank.....	Liberty Center	83½
Farmers & Merchants Bank.....	Custar	69%

Dividends have been paid during the same period in the following banks:

Exchange Bank	Shanesville	10%
Columbus Savings & Trust Co.....	Columbus	1
Osborn Bank.....	Osborn	3
Bank of Freeport.....	Freeport	12½
Putnam County Banking Co.....	Ottawa	15

EXAMINATIONS.

In examining banks emphasis has been laid on thoroughness, regardless of the time and effort required to secure a faithful exhibit of their affairs. The excellent conditions found to obtain among them reflect the policies of the department as well as their own progressive purpose. As in other lines of business, the director of the old school, ignorant of the matters for which he is responsible and negligent of a trust, has all but passed; the directors of Ohio banks are actually directing. Those institutions that have granted excessive loans and permitted overdrafts are more and more conforming to sound banking practice. Between June 30, 1914, and June 23, 1915, the state banks reduced their overdrafts by 6 per cent., their furniture and fixtures account by 26 per cent. and their bond premiums account by 34 per cent.—an achievement heartily to be commended. As already noted, the overdrafts in private banks have been reduced in less than two years by more than 80 per cent.

Reports of condition from the banks were called for December 31, 1914, March 4, 1915, May 1, 1915, and June 23, 1915. The number of banks under supervision June 30, 1915, was: State banks, 553; private banks, 188; branch banks, 56; total, 797.

The first adequate examinations of invested trusts have been made under the present administration of the department. Largely because of

the magnitude of the field, previous examinations of these trusts had been superficial. For the first time comparisons have been made between the original instruments creating the trusts and the declarations attached to the ledger accounts of the companies executing the trusts. Wills have been examined and accounts checked up to see if stewardship had complied with the instructions of testators and with the law.

CHATTEL LOANS.

The law establishing a loan regulation bureau in this department—the so-called loan shark law—will not go into effect until August 11. This report can therefore only announce progress in the formulation of plans for its administration, and register the purpose of the superintendent so to enforce it that the chattel loan business shall be put on a higher plane, but by all means shall be preserved to continue the vital economic function it performs in the lives of the poor.

Prior to this act loans on chattels and on assignments of salary had been under the supervision of the secretary of state, so far as they had been supervised at all. The maximum interest charge under the superseded Haas law was 18 per cent., but this limit was widely overstepped in practice. Indeed, the old restrictions upon licensees who loaned money on chattel security bred a class of veritable loan sharks who would not lend on chattel security but made their loans on plain notes. Thus they kept outside the law's jurisdiction and had free field to charge needy borrowers whatever the latter would stand. There is evidence that in cases these charges reached from 60 to 70 per cent. for an average five months' loan. These claims and accounts had no legal standing. They could not be collected by process of law. But they were almost surely collectible by the processes of intimidation of which the loan shark availed.

The new law brings the lenders on plain note transactions and all other lenders at more than banking interest, save pawnbrokers operating under municipal licenses, under the jurisdiction of this department. It fixes the limit for interest and other charges at 3 per cent. a month and forbids all bonuses, fees, expenses or other demands that would raise the total above this figure; but it permits of an inspection fee of one dollar upon sums less than fifty dollars. No assignment of more than 50 per cent. of salary or wages to secure a loan shall be valid, and wife or husband must, in writing, assent to the assignment. Every person or company engaged in this business must take out a license annually, paying one hundred dollars therefor, and file a bond for two thousand dollars. The law prescribes a fine for the first offense against its provisions and a jail sentence for the second. An annual inspection by the banking department of individuals or companies in the loaning business is required.

STATEMENT OF EARNINGS AND EXPENSES (State Banks).

From January 1, 1914, to January 1, 1915.

Old undivided profits		\$6,609,894 87
Earnings—		
Interest and discount	\$29,123,288 90	
Exchange	330,539 21	
Rent	593,010 35	
Other earnings	1,746,365 22	
Total earnings	\$31,793,203 68	
Expenses—		
Interest on deposits	\$15,102,970 85	
Taxes	1,270,954 80	
Salaries	3,914,473 89	
Other expenses	2,488,377 23	
Total expenses	\$22,776,776 77	
Net gain		9,016,426 91
Total undivided profits		\$15,626,321 78
Dividends	\$3,730,336 40	
Charged off	2,865,793 41	
Carried to surplus	1,371,552 71	
Total deductions		7,967,682 52
Balance undivided profits		\$7,658,639 26
Amount of capital stock authorized	\$48,536,500 00	
Amount of capital stock subscribed	47,622,900 00	
Amount of capital stock paid in	45,941,630 00	
Amount of surplus	29,625,557 27	

FINANCIAL STATEMENT OF THE DEPARTMENT.

Balance, Oct. 15, 1914	\$26,097 78	
Expenditures not included in Annual Report for period from Oct. 16, 1914, to Nov. 15, 1914—		
Banking department	6,854 35	
Securities department	1,248 01	
Total	\$8,102 36	
Balance available and unexpended Nov. 16, 1914		\$17,995 42
Total amount funds appropriated	\$34,820 69	
Credits—Account Emery Lattanner being over-paid	32 10	
Total	\$34,852 79	
Total amount lapsed to general revenue fund	6 18	
		34,846 61
Total amount available and unexpended		\$52,842 03

EXPENDITURES BANKING DEPARTMENT.

Salaries	\$30,515 03
Traveling expenses	8,302 74
Office rent	990 10
Office equipment	199 60
Office supplies	781 54
Communications	358 35
Contingent	28 75
Total	<u>\$41,176 11</u>

EXPENDITURES SECURITIES DEPARTMENT.

Salaries	\$6,521 77
Traveling expenses	1,918 11
Office supplies	200 54
Total	<u>\$8,640 42</u>
Grand total expenditures	49,816 53
Balance available and unexpended	<u>\$3,025 50</u>

RECEIPTS—BANKING DEPARTMENT.

November 16, 1914, to June 30, 1915, inclusive.

State banks	\$1,759 67
Private banks	297 70
Initial fees	450 00
Foreign trust companies	50 00
	<u>\$2,557 37</u>

RECEIPTS—SECURITIES DEPARTMENT.

November 16, 1914, to June 30, 1915, inclusive.

Applications to deal in securities	\$710 00
License fee—renewals	16,196 00
Agents named	840 00
Agents added	2,810 00
Revocations	70 00
Applications for foreign real estate	115 00
Applications for certificates	280 00
Certificates (Section 16)	160 00
	<u>\$21,181 00</u>

COMPARATIVE STATEMENT OF AGGREGATE RESOURCES OF STATE BANKS.

RESOURCES.	460 State Banks Report of Aug. 18, 1908.	530 State Banks Report of June 30, 1914.	553 State Banks Report of June 23, 1915.
Loans on real estate.....	\$82,958,411 17	\$143,748,174 47	\$157,213,230 26
Loans on collateral.....	91,210,835 47	108,812,754 83	104,877,715 83
Other loans and discounts.....	56,937,876 23	91,237,901 02	95,542,306 93
Overdrafts.....	1,108,393 33	337,248 27	315,730 21
U. S. bonds not included in reserve.....	276,713 50	276,713 50	271,273 50
State, county and municipal bonds.....	29,590,313 35	58,970,786 10	57,458,849 94
Premiums paid on U. S., state and municipal bonds	294,890 92	990,517 52	654,052 55
Other bonds and securities.....	69,044,263 33	94,247,440 05	97,361,880 09
Banking house and lot.....	11,285,745 93	18,903,776 28	15,642,894 43
Furniture and fixtures.....	1,684,986 59	2,544,224 16	1,894,252 38
Other real estate.....	2,691,154 63	3,733,310 30	3,740,571 69
Due from other than reserve banks.....	.....	1,035,439 25	1,021,331 15
Cash items.....	589,976 78	366,620 66	189,502 09
Due from reserve banks.....	49,899,081 00	74,416,721 38	75,288,947 31
Exchanges for clearing house.....	1,171,071 38	4,155,478 08	2,332,769 61
Gold coin.....	2,130,886 32	2,531,327 00	3,065,807 50
Silver dollars.....	.....	493,081 00	606,225 45
Fractional coin.....	961,618 76	854,970 54	880,073 40
U. S. and national bank notes.....	9,472,502 00	15,954,901 17	17,284,854 25
Bonds held as lawful reserve.....	2,641,863 64	4,854,185 48	5,467,012 94
Other resources.....	310,165 71	7,480,018 83	9,035,424 04
Totals	\$413,984,036 54	\$630,946,089 89	\$650,144,705 55

LIABILITIES.	460 State Banks Report of Aug. 18, 1908.	530 State Banks Report of June 30, 1914.	553 State Banks Report of June 23, 1915.
Capital stock paid in.....	\$37,726,020 34	\$45,495,950 00	\$47,159,410 00
Surplus fund.....	20,693,983 26	29,521,210 05	30,670,122 94
Undivided profits less expenses, interest and taxes	4,807,948 72	7,926,837 94	11,295,063 15
Dividends unpaid.....	29,876 94	610,505 08	17,863 15
Individual deposit subject to check.....	81,766,241 87	145,657,915 54	135,821,975 54
Demand certificates of deposit.....	17,727,070 28	20,559,176 69	21,836,512 09
Cashier's checks.....	.....	1,379,456 04	1,126,393 27
Certified checks.....	.....	619,864 19	554,295 72
Due to banks and bankers.....	5,265,639 22	8,462,198 76	8,014,073 32
Time certificates of deposit.....	28,269,138 23	46,394,725 99	47,506,956 36
Savings deposits.....	207,915,574 17	304,899,403 27	305,263,496 48
Trust deposits.....	7,174,647 53	10,506,683 76	9,190,634 29
Notes and bills rediscounted.....	265,223 01	15,000 00	86,670 14
Bills payable.....	1,849,023 73	1,186,215 08	1,627,051 00
Reserve for taxes.....	.....	153,696 14	198,530 43
Other liabilities.....	.....	387,915 01	517,008 93
Public funds.....	493,649 44	7,269,336 35	9,258,648 74
Totals	\$413,984,036 54	\$630,946,089 89	\$650,144,705 55

COMPARATIVE STATEMENT OF AGGREGATE RESOURCES OF PRIVATE BANKS.

RESOURCES.	216 Private Banks Report of Sept. 4, 1913.	188 Private Banks Report of June 23, 1915.
Loans on real estate.....	\$8,851,444.37	\$6,142,787.25
Loans on collateral.....	3,373,155.54	2,392,171.60
Other loans and discounts.....	18,968,674.73	16,595,242.06
Overdrafts.....	717,454.63	114,988.26
U. S. bonds not included in reserve.....	46,107.00	50,490.00
State, county and municipal bonds.....	1,434,067.28	884,201.68
Premiums paid on U. S., state and municipal bonds.....	18,820.56	8,993.67
Other bonds and securities.....	1,931,462.88	1,641,044.23
Banking house and lot.....	667,844.30	714,874.77
Furniture and fixtures.....	318,903.92	254,103.42
Other real estate.....	1,051,900.41	636,254.86
Cash items.....	202,126.53	34,135.45

COMPARATIVE STATEMENT OF AGGREGATE RESOURCES OF PRIVATE BANKS—Concluded.

RESOURCES—Concluded.	216 Private Banks Report of Sept. 4, 1913.	188 Private Banks Report of June 23, 1915.
Due from reserve banks.....	\$6,536,999.01	\$4,648,435.85
Exchanges from clearing house.....	96,976.94	45,486.08
Gold coin	242,589.00	152,271.50
Silver dollars	131,194.00	73,359.85
Fractional coin	139,617.74	75,515.04
U. S. and national bank notes.....	1,270,886.00	957,365.00
Bonds held as lawful reserve.....	69,940.00	335,389.56
Other resources	103,253.61	109,223.55
Totals	\$47,048,266.15	\$36,068,086.09

LIABILITIES.	216 Private Banks Report of Sept. 4, 1913.	188 Private Banks Report of June 23, 1915.
Capital stock paid in	\$2,669,607.44	\$2,488,886.39
Surplus fund	1,829,086.82	1,081,904.95
Undivided profits less expense, interest and taxes.....	833,471.66	713,691.70
Dividends unpaid	2,964.40	280.88
Individual deposits subject to check.....	16,010,111.29	11,822,101.14
Demand certificates of deposit.....	7,007,332.06	5,676,464.13
Cashier's checks	19,444.11	12,338.33
Certified checks	5,597.94	15,907.01
Due to banks and bankers.....	326,268.01	286,434.87
Time certificates of deposit.....	10,461,251.35	8,866,761.88
Savings deposits	4,603,354.11	2,327,020.91
Notes and bills re-discounted.....	134,038.88	132,946.00
Bills payable	278,180.00	673,688.25
Reserve for taxes	2,100.00	1,377.28
Reserve for interest.....	9,433.85	10,017.17
Other liabilities	706,857.98	63,669.24
Public funds	2,349,166.25	1,889,828.80
Cash over .....	.....	4,867.16
Totals	\$47,048,266.15	\$36,068,086.09

COMPARATIVE STATEMENT OF RESOURCES OF STATE BANKS.

Date of Report	Aggregate Resources.
August 13, 1908.....	\$413,984,636 54
November 27, 1908.....	407,860,033 66
February 5, 1909.....	425,961,971 68
June 23, 1909.....	441,925,323 43
September 1, 1909.....	450,173,331 73
November 16, 1909.....	448,554,833 78
January 31, 1910.....	456,579,236 08
June 30, 1910.....	474,062,210 89
September 1, 1910.....	476,056,603 94
November 10, 1910.....	476,658,050 91
January 7, 1911.....	486,910,163 99
March 7, 1911.....	495,399,900 39
June 7, 1911.....	503,385,889 78
September 25, 1911.....	515,265,024 61
December 5, 1911.....	514,848,623 95
February 20, 1912.....	524,722,855 12
April 18, 1912.....	521,228,444 13
September 4, 1912.....	540,281,566 57
November 26, 1912.....	544,352,930 05
February 4, 1913.....	556,187,892 68
June 4, 1913.....	573,167,361 58
September 4, 1913.....	585,181,373 18
October 21, 1913.....	587,846,858 49
January 13, 1914.....	601,492,041 80
April 3, 1914.....	607,497,603 92
June 30, 1914.....	630,946,089 89
September 12, 1914.....	620,898,502 71
October 31, 1914.....	611,938,292 23
December 31, 1914.....	616,707,675 35
March 4, 1915.....	627,669,111 23
May 1, 1915.....	638,971,807 77
June 23, 1915.....	660,144,705 55

The following comparative statement shows the aggregate amount of TIME, DEMAND and TRUST deposits (state banks) separately, together with the per cent. of the total, and increase since August 18, 1908:

	Aug. 18, 1908.	June 23, 1915.	Increase.	Per cent. Increased.
Demand deposits	\$104,758,951.17	\$187,353,249.94	\$82,594,298.77	78%
Time deposits.....	236,184,712.40	352,770,452.84	116,585,740.44	49%
Trust deposits.....	7,174,647.53	9,190,634.29	2,015,986.76	28%
Total deposits	\$348,118,311.10	\$549,314,337.07	\$201,196,025.97	57%

INCREASE IN NUMBER OF STATE BANKS, ETC.

	Aug. 18, 1908.	June 23, 1915.	Increase.
Number of banks.....	460	553	93
Capital stock	\$37,726,020.34	\$47,159,410.00	\$9,433,389.66
Surplus	20,693,983.26	30,670,122.94	9,976,139.68
Total resources	413,984,036.54	650,144,705.55	236,160,669.01

The following banks are in process of liquidation by this department:

Name of Bank.	Location.	Date Closed.	Per cent. Paid in Dividends.
The Columbus Savings & Trust Company.....	Columbus.....	Feb. 26, 1912	68 1/2
The Osborn Bank.....	Osborn.....	June 18, 1913	55
The Bank of Freeport.....	Freeport.....	May 16, 1914	25
The Exchange Bank.....	Shanesville.....	July 1, 1914	60
The Putnam County Banking Company.....	Ottawa.....	July 16, 1914	45

The affairs of the following banks heretofore in process of liquidation were finally closed since November 15, 1914:

Name of Bank.	Location.	Date Closed.	Final Dividend Paid.	Total Dividend.
The Albany State Bank.....	Albany.....	Jan. 31, 1912	June 25, 1915	41 1/2%
The Murray City Bank.....	Murray.....	Sept. 3, 1913	Dec. 31, 1914	100%
The Crown City Bank.....	Crown City.....	Oct. 21, 1913	Dec. 29, 1914	100%
The Merchants & Miners Bank.....	Nelsonville.....	Mar. 12, 1914	Apr. 22, 1915	100%
The Farmers & Merchants Bank.....	Custar.....	Mar. 18, 1914	May 13, 1915	69 4/5%
The Ohio Savings Bank.....	Liberty Center.....	Mar. 18, 1914	May 14, 1915	83 1/5%

REPORT OF STATE SUPERINTENDENT OF INSURANCE

It will be noted that insurance annual reports are to be filed within sixty days from January 1st for the preceding year. The annual reports have not yet been filed, and no reports were filed prior to January 1, 1916, by any insurance company, for the year 1915.

Therefore, it is impossible in this partial report to include anything concerning the *general conduct and condition of any of the insurance companies doing business in the state*, as there is no provision of law requiring insurance companies to make any reports except such as are indicated above, to wit, annual reports, and it would be impossible to obtain the information required to be incorporated in their annual statements.

Exhibit "A" will give the amount of securities deposited with the treasurer of state for the security and benefit of the policy holders of the several insurance companies making the deposit, which aggregate \$10,-120,338.32. A list of the companies so making the deposits is also included in this exhibit.

STATEMENT OF RECEIPTS AND DISBURSEMENTS.

FROM JANUARY 1, 1915, TO JUNE 30, 1915.

Receipts	\$168,699 29
Disbursements	22,860 68

SUMMARIES.

COMPANIES AUTHORIZED TO TRANSACT BUSINESS IN OHIO

	Ohio.	Other States.	Foreign.	No.
Fire Companies—				
Stock	9	118	61	188
Mutual	22	34	...	56
Assessment	140	...	...	140
Miscellaneous Companies—				
Stock	2	64	6	72
Mutual	...	...	...	...
Assessment	11	1	...	12
Life Companies—				
Stock	10	38	3	51
Mutual	...	21	...	21
Assessment	6	...	...	6
Fraternal Societies	16	46	...	62

EXHIBIT "A."

SECURITIES DEPOSITED WITH THE TREASURER OF STATE BY THE
SUPERINTENDENT OF INSURANCE.

Aechen & Munich Fire Insurance Co., Aix-le Chapelle	\$100,000 00
Abeille Fire Insurance Co., Paris, France.....	100,000 00
Aetna Life Insurance Co., Hartford, Conn.....	50,000 00
American Automobile Insurance Co., St. Louis, Mo.....	50,000 00
American Bonding Co., Baltimore, Md.....	35,000 00
American Fidelity Co., Montpelier, Vt.....	50,000 00
American Guaranty Company, Columbus, O.....	200,000 00
American Surety Company, New York.....	30,000 00
Atlas Insurance Company, London, England.....	100,000 00
Balkan National Insurance Co., Sofia, Bulgaria.....	100,000 00
Bankers Surety Company, Cleveland, Ohio.....	200,000 00
British America Assurance Company, Toronto, Canada.....	100,000 00
British & Foreign Marine Insurance Co.....	100,000 00
Caledonian Insurance Co., Edinburg, Scotland.....	100,000 00
Canada Life Assurance Co., Toronto, Canada.....	100,000 00
Casualty Company of America, New York.....	50,000 00
Cleveland Life Insurance Co., Cleveland, Ohio.....	100,000 00
Cologne Reinsurance Company	100,000 00
Columbia Life Insurance Company, Cincinnati, Ohio.....	103,600 00
Columbus Mutual Life Insurance Company, Columbus, Ohio.....	100,000 00
Commercial Union Assurance Co., London, England.....	100,000 00
Empire State Surety Company, Brooklyn, N. Y.....	50,000 00
Employers Liability Assurance Corp., London, England.....	150,000 00
European Accident Insurance Co., London, England.....	100,000 00
Fidelity and Casualty Co., New York.....	81,000 00
Fidelity and Deposits Co., Baltimore, Md.	80,000 00
Fire Reassurance Company, Paris, France.....	105,000 00
First Bulgaria Insurance Co., Rustchuck, Bulgaria.....	100,000 00
First Russian Insurance Co., St. Petersburg, Russia.....	100,000 00
Frankona Reinsurance Company, Frankfort, Germany.....	100,000 00
Frankfort General Insurance Co., Frankfort, Germany.....	150,000 00
Gem City Life Insurance Company, Dayton, Ohio.....	101,700 00
General Accident Fire & Life Assurance Corp., Perth.....	150,000 00
General Fire Assurance Co., Paris, France.....	105,000 00
Globe Indemnity Company, New York.....	50,000 00
Hartford Accident and Indemnity Co., Hartford, Conn.....	50,000 00
Hamburg Assurance Company, Hamburg, Germany	100,000 00
Hamburg-Bremen Fire Ins. Company, Hamburg, Germany.....	105,000 00
International Reassurance Company of Vienna, Austria.....	161,000 00
Jakor Insurance Company, Moscow, Russia.....	100,000 00
Law, Union & Rock Insurance Co., Ltd., London, England.....	102,000 00
Liverpool & London & Globe Ins. Co.....	100,000 00
London Guarantee & Accident Co., London, England.....	150,000 00
London and Lancashire, Liverpool, England.....	100,000 00
London Assurance Corporation, London, England.....	105,000 00
Mannheim Insurance Company, Mannheim, Germany.....	100,000 00
Manufacturers Life Ins. Co., Toronto, Canada.....	100,000 00
Marine Insurance Company, Ltd., London, England.....	100,000 00

EXHIBIT "A"—Continued.

Maryland Casualty Company, Baltimore, Md.....	\$50,000 00
Mercury Reinsurance Company, Cologne, Germany.....	105,000 00
Midland Mutual Life Insurance Co., Columbus, Ohio	100,000 00
Minerva Retrocession & Reinsurance Co., Cologne, Germany.....	100,000 00
Munich Reinsurance Co., Munich, Bavaria.....	100,000 00
Moscow Fire Insurance Company, Moscow, Russia.....	100,000 00
National Fire Insurance Co., Paris, France.....	100,000 00
National Surety Company, New York.....	30,000 00
Nord-Deutsche Insurance Company, Hamburg, Germany	100,000 00
North British & Mercantile, London, England.....	100,000 00
Northern Assurance Company, London, England.....	100,000 00
Northern Insurance Company, Moscow, Russia.....	100,000 00
Norwich Union Fire Insurance Society, Norwich, England.....	100,000 00
Ocean Accident and Guarantee Corp., London, England.....	154,000 00
Netherlands Fire & Life Ins. Co., The Hague, Holland.....	101,000 00
Ohio National Life Insurance Company, Cincinnati, Ohio.....	100,000 00
Ohio State Life Insurance Company, Columbus, Ohio.....	100,000 00
Ohio Life Insurance Company, Cleveland, Ohio.....	95,600 00
Palatine Insurance Co., London, England.....	100,000 00
Paternelle Fire Insurance Co., Paris, France.....	100,000 00
Phoenix Fire Insurance Company, Paris, France.....	100,000 00
Philadelphia Casualty Company, Philadelphia, Penna.....	50,000 00
Phoenix Assurance Company, London, England.....	100,000 00
Prudential Casualty Company, Indianapolis, Ind.	53,000 00
Preferred Accident Insurance Co., N. Y.	50,000 00
Prussian National Insurance Company, Stettin, Germany	100,000 00
Russia Insurance Company, St. Petersburg.....	100,000 00
Royal Insurance Company, Liverpool, England	110,000 00
Royal Indemnity Company, New York	50,000 00
Royal Exchange Assurance, London, England	100,000 00
Russian Reinsurance Company, St. Petersburg, Russia	100,000 00
Salamandra Insurance Company, St. Petersburg, Russia.....	100,000 00
Scottish Union & Natl. Insurance Co., Edinburgh, Scotland.....	100,000 00
Sea Insurance Company, Ltd., Liverpool, England	110,000 00
Security Life Insurance Company of America, Richmond, Va.....	11,000 00
Second Russian Insurance Co., St. Petersburg, Russia.....	100,000 00
South German Reinsurance Company, Munich, Bavaria	100,000 00
Skandia Insurance Company, Stockholm, Sweden.....	100,000 00
Standard Accident, Detroit, Mich.	50,000 00
Sun Insurance Office, London, England	100,000 00
Sven Fire & Life, Gothenburg, Sweden	100,000 00
Swiss Reinsurance Company, Zurich, Switzerland.....	100,000 00
Swiss National Insurance Company	100,000 00
Toledo Life Insurance Co., Toledo, Ohio	100,000 00
Toledo Mutual Life, Toledo, Ohio, Mortgages.....	1,722 32
Toledo Travelers Life Ins. Co., Toledo, Ohio.....	100,316 00
Travelers Insurance Company, Hartford, Conn.	50,000 00
Union Assurance Society, Ltd., London, England	100,000 00
Union Casualty Company, Philadelphia, Penna.....	50,000 00
Union Central Life Insurance Company, Cincinnati, Ohio.....	104,400 00
Union Fire Insurance Company, Paris, France.....	100,000 00

EXHIBIT "A"—Concluded.

Union Marine Insurance Company, Liverpool, England	\$100,000 00
Union & Phoenix Espanol Insurance Co., Madrid, Spain	100,000 00
United States Casualty Company, New York	50,000 00
Urbaine Fire Insurance Company, Paris, France	100,000 00
U. S. Fidelity and Guaranty Co., Baltimore, Md.	80,000 00
Warsaw Fire Insurance Company, Warsaw, Russia	100,000 00
Western Assurance Company, Toronto, Canada	100,000 00
Western & Southern Life Insurance Co., Cincinnati, Ohio.....	100,000 00
Yorkshire Insurance Company, Yorkshire, England.....	100,000 00
	\$10,120,338 32

DEPARTMENT OF INSURANCE.

DIVISION OF BUILDING AND LOAN ASSOCIATIONS.

This report, covering the period from December 31, 1914, to June 30, 1915, is made in conformity with the provisions of law whereby the fiscal year is fixed to end as of the latter date.

The consolidated financial statements contained herein are compiled from the annual reports of two hundred and forty-nine (249) building and loan associations reporting to this department during such period. As these are but little more than one-third of the total number of associations in operation, no statements are herein included as to total number of stockholders and depositors, rate of dividend, rate of interest, etc., as such figures, to be of any value, should include statistics for all existing associations rather than for a small part thereof.

The effective work of examination of building and loan associations has continued during this period in a very satisfactory manner. As the work of examination was so arranged at the beginning of the year that the requirements of law might be carried out by making at least one examination of every association during the calendar year 1915, no summary figures can be given in this partial report.

In a great many instances the examiners are able not only to check and correct illegal or objectionable practices, but also to render substantial assistance to associations by aiding them in acquiring better methods for the transaction of their business.

FOREIGN BUILDING AND LOAN ASSOCIATIONS.

There are no foreign building and loan associations authorized to do business in Ohio, and any effort on the part of any such association to illegally operate in this state receives the prompt attention of this department.

BOND INVESTMENT COMPANIES.

There are no bond investment companies authorized to do business in Ohio, and this department is doing everything possible to prevent their surreptitious operation in this state until such time as the requirements of law have been complied with.

BUILDING AND LOAN ASSOCIATIONS INCREASING AUTHORIZED CAPITAL DURING SIX MONTHS ENDING JUNE 30, 1915

No.	Name of Association.	Location.	Former Amount.	Increase.	Present Amount.	Date.
1	Standard Building & Loan Company.....	Cincinnati	\$500,000.00	\$1,500,000.00	\$2,000,000.00	Jan. 2
2	Mutual Buildings & Loan Company.....	Cincinnati	1,000,000.00	1,000,000.00	2,000,000.00	Jan. 5
3	Home Savings & Loan Company.....	Miamisburg	1,000,000.00	500,000.00	1,500,000.00	Jan. 7
4	Burnet Woods Building & Savings Company.....	Ada	1,000,000.00	1,000,000.00	2,000,000.00	Jan. 14
5	Third Savings & Loan Company.....	Cincinnati	2,000,000.00	3,000,000.00	5,000,000.00	Jan. 14
6	South Side Loan & Building Company.....	Piqua	1,500,000.00	500,000.00	2,000,000.00	Jan. 22
7	Spring Grove Avenue Loan & Deposit Company.....	Cincinnati	2,000,000.00	1,000,000.00	3,000,000.00	Feb. 1
8	St. Bernard Progressive Building & Loan Association Company.....	Cincinnati	1,000,000.00	500,000.00	1,500,000.00	Mar. 1
9	Colonial Savings & Loan Company.....	Lakewood	500,000.00	500,000.00	1,000,000.00	Mar. 3
10	Municipal Building & Loan Company.....	Cleveland	25,000.00	25,000.00	50,000.00	Apr. 9
11	McArthur Savings & Loan Company.....	McArthur	300,000.00	700,000.00	1,000,000.00	Apr. 16
12	Fidelity Building Association & Loan Company.....	Delaware	1,000,000.00	1,000,000.00	2,000,000.00	June 12
			\$11,325,000.00	\$11,225,000.00	\$23,050,000.00	

BUILDING AND LOAN ASSOCIATIONS INCORPORATED DURING SIX MONTHS ENDING JUNE 30, 1915.

No.	Name of Association.	Location.	Authorized Capital.	Date.
1	Cosmopolitan Savings and Loan Company.....	Cleveland.....	\$500,000 00	Feb. 5
2	The Martins Ferry Knights of Columbus Home Association.....	Martins Ferry.....	5,000 00	Feb. 26
3	Slavia Savings and Loan Company.....	Cleveland.....	100,000 00	Mar. 4
4	Atlas Savings and Loan Company.....	Cleveland.....	250,000 00	Apr. 20
5	Progress Building, Savings and Loan Company.....	Cleveland.....	200,000 00	May 27
6	United Savings and Loan Company.....	Cleveland.....	500,000 00	June 29

BUILDING AND LOAN ASSOCIATIONS CHANGING NAMES DURING SIX MONTHS ENDING JUNE 30, 1915.

No.	Former Name.	Location.	Date.	Present Name.
1	South Side Building and Loan Company.....	Cincinnati.....	Jan. 15	South Side Loan and Building Company.
2	Enterprise Loan and Savings Association.....	Dayton.....	Jan. 28	State Savings and Loan Association.

MISCELLANEOUS.

Only one new association, the Peoples Building and Loan Association, of Oxford, Butler county, filed a first report with this department during this period. Reported assets, \$15,598.57.

No final reports were filed during this period, as no associations ceased business during this time.

The following associations were still in liquidation during the period covered by this report, viz.:

Home Savings & Loan Company.....Wellsville.
 National Aid Association.....Cleveland.
 Jackson County Building, Loan & Savings Company.....Wellston.
 Walnut Hills & Woodburn Savings & Loan Company....Cincinnati.

CONSOLIDATED BALANCE SHEET SHOWING IN DETAIL THE VARIOUS ITEMS OF ASSETS AND LIABILITIES OF ALL ASSOCIATIONS REPORTING DURING PERIOD ENDING JUNE 30, 1915.

ASSETS.

Cash on hand	\$2,432,999 33
Loans on mortgage security	67,157,418 70
Loans on stock, certificates or pass-book security.....	658,988 36

**CONSOLIDATED BALANCE SHEET SHOWING IN DETAIL THE
VARIOUS ITEMS OF ASSETS AND LIABILITIES OF ALL
ASSOCIATIONS REPORTING DURING PERIOD ENDING
JUNE 30, 1915.—Concluded.**

ASSETS—Concluded.

Loans on all other security	\$123,821 89
Furniture and fixtures	36,294 13
Real estate	423,635 73
Real estate sold on contract	138,495 39
Real estate—Office buildings	620,812 32
Due from borrowers for insurance and taxes	27,606 77
Bonds	309,034 98
Deposits in other building and loan associations	57,750 00
Deposits in other financial institutions	113,000 00
Miscellaneous	24,500 94
	\$72,124,358 54
Interest due and uncollected	135,173 60

LIABILITIES.

Running stock and dividends	\$36,012,882 53
Credits on mortgage loans	4,738,760 60
Credits on other loans	17,853 63
Credits on real estate sold on contract	16,625 60
Paid-up stock and dividends	9,485,187 46
Deposits and accrued interest	16,514,472 75
Reserve fund	2,888,340 15
Undivided profit fund	570,686 31
Borrowed money and accrued interest	902,761 87
Contingent profit on real estate sold on contract	3,630 59
Due borrowers on unfinished buildings	648,247 73
Deposits from other building and loan associations	140,062 50
Deposits from other financial institutions	171,798 18
Miscellaneous	13,048 64
	\$72,124,358 54
Interest due and uncollected	\$135,173 60

**CONSOLIDATED STATEMENT OF THE RECEIPTS AND DIS-
BURSEMENTS, AND EARNINGS AND THE DISTRIBUTION
THEREOF OF ALL ASSOCIATIONS REPORTING DURING
PERIOD ENDING JUNE 30, 1915.**

RECEIPTS.

Dues on running stock	\$12,799,712 35
Paid-up stock	1,533,612 44
Deposits	11,915,086 84
Credits on mortgage loans	2,494,710 54

CONSOLIDATED STATEMENT OF THE RECEIPTS AND DISBURSEMENTS AND EARNINGS AND THE DISTRIBUTION THEREOF OF ALL ASSOCIATIONS REPORTING DURING PERIOD ENDING JUNE 30, 1915.—Continued.

RECEIPTS—Concluded.

Loans on mortgage security repaid.....	\$10,998,267 52
Loans on stock, certificates or pass-book security.....	961,723 41
Loans on all other security repaid.....	52,850 06
Unfinished building account	1,804,237 36
Borrowed money	3,247,181 98
Deposits from other building and loan associations.....	117,907 92
Deposits from other financial institutions.....	102,330 40
Real estate sold	117,622 43
Real estate sold on contract	116,918 42
Insurance and taxes refunded by borrowers.....	45,575 79
Interest	3,940,100 59
Premium	27,019 14
Fines	9,256 90
Transfer fees	437 80
Pass-book and initiation fees	10,557 19
Rents from companies' real estate	39,207 84
Deposits in other building and loan associations withdrawn.....	158,700 00
Deposits in other financial institutions withdrawn.....	108,500 00
Miscellaneous (all other receipts)	126,837 16
Total	\$50,728,354 08
Cash on hand at close of last fiscal year.....	2,108,564 45
Total	\$52,836,918 53

DISBURSEMENTS.

Loans on mortgage security	\$17,964,838 42
Loans on stock, certificates or pass-book security.....	1,008,143 10
Loans on all other security	40,209 36
Unfinished building account	1,909,074 70
Withdrawals of running stock and dividends	11,864,928 27
Withdrawals of paid-up stock	1,078,957 03
Withdrawals of deposits	10,673,245 50
Borrowed money	3,305,235 03
Deposits in other building and loan associations.....	105,700 00
Deposits in other financial institutions	109,000 00
Insurance and taxes paid for borrowers.....	48,169 69
Real estate (purchase price).....	156,948 10
Real estate on contract	18,640 87
Dividends on paid-up stock	592,950 73
Interest on deposits	554,903 90
Interest on borrowed money	77,592 78
Repairs on companies' real estate	12,807 11
Taxes	17,516 27

CONSOLIDATED STATEMENT OF THE RECEIPTS AND DISBURSEMENTS, AND EARNINGS AND THE DISTRIBUTION THEREOF OF ALL ASSOCIATIONS REPORTING DURING PERIOD ENDING JUNE 30, 1915—Concluded.

DISBURSEMENTS—Concluded.

Salaries of officers and directors.....	\$337,714 21
Office help, rent and legal services	91,943 32
Deposits by other building and loan associations withdrawn.....	86,433 66
Deposits by other financial institutions withdrawn.....	95,930 40
Miscellaneous (all other expenses).....	253,036 75
Total	\$50,403,919 20
Cash on hand	2,432,999 33
Total	\$52,836,918 53

PROFIT AND LOSS.

EARNINGS.

Interest	\$3,938,988 24
Premium	26,972 62
Fines	9,201 01
Transfer fees	437 80
Pass-books and initiation fees	10,557 19
Rents from companies' real estate	39,207 84
Transferred from undivided profit fund	51,075 34
Miscellaneous	63,592 14
	\$4,140,032 18

DISTRIBUTION.

Dividends on running stock	\$1,641,424 86
Dividends on mortgage loan credits	105,433 58
Dividends on paid-up stock	568,964 16
Reserve fund credit	271,681 88
Undivided profit credit	162,095 18
Interest on deposits	734,489 33
Interest on borrowed money	78,154 30
Salaries of officers and directors	337,755 39
Office help, rent and legal services	91,943 32
Taxes	17,333 52
Repairs on companies' real estate	10,885 03
Miscellaneous (all other expenses)	119,871 63
	\$4,140,032 18

REPORT OF THE SUPERINTENDENT OF PUBLIC WORKS

The tables and statements following herein show the services and business transactions of this department for the period commencing November 16, 1914, and ending June 30, 1915:

REVENUES DERIVED FROM THE CANALS AND PUBLIC PARKS OF OHIO. NOVEMBER 16, 1914, TO JUNE 30, 1915.

MIAMI AND ERIE CANAL

Source and Character of Revenues.	Total 7½ Months 1914.	Total 7½ Months 1915.	Nov.	Dec.	Jan.	Feb.	March.	April.	May.	June.
Tolls	\$246.77	\$1.09	\$3,525.00	\$1,712.50	\$727.36	\$1.09	.....	\$175.27	\$7,644.67	.....
Water power	14,328.51	14,539.15	1,827.00	2,242.00	644.58	420.00	.....	100.00	7,841.37	\$334.25
Pipe permits	16,812.35	13,540.79	1,827.00	2,242.00	644.58	192.00	\$102.84	.....	8,842.16	591.00
Land rents	33,455.77	35,866.46	935.45	6,224.12	1,740.00	48.00	16,034.06	339.80	1,722.87	1,722.87
Land sold	392.00	32.00	.....	.....	32.00	531.68	48.79	281.50	107.77	185.00
Miscellaneous	1,040.19	1,258.46	.....	.....	103.72	.....	.....	.....	.....	.....
Total	\$86,275.59	\$65,237.95	\$6,287.45	\$10,178.62	\$3,227.66	\$1,192.77	\$16,185.69	\$896.67	\$24,435.97	\$2,333.12

OHIO AND ERIE CANAL

Tolls	\$1.43	.....	.....	.....	.....	.....	.....	.....	.....	\$15.99
Water power	\$225.00	\$17.42	.....	.....	.....	.....	.....	.....	.....	800.00
Pipe permits	2,238.22	2,568.77	.....	.....	.....	.....	.....	.....	.....	1,348.00
Land rents	193.17	26,724.83	.....	.....	.....	.....	.....	.....	.....	952.22
Miscellaneous	187.85	7,477.50	.....	.....	.....	.....	.....	.....	.....	.....
Land sold .....	.....	126.06	.....	.....	.....	.....	.....	.....	.....	.....
Total	\$28,035.78	\$38,914.62	\$2,656.39	\$5,758.42	\$2,273.36	\$890.23	\$351.64	\$365.57	\$22,002.80	\$2,316.21

BUCKEYE LAKE.

Land rent	\$3,046.15	\$2,957.22	\$359.50	\$225.50	\$48.00	\$9.00	\$68.00	\$95.80	\$2,072.42	\$149.00
Boat license	2,026.00	1,275.00	.....	.....	.....	.....	.....	.....	330.00	945.00
Miscellaneous	168.04	73.00	5.00	.....	5.00	26.00	.....	5.00	15.00	23.00
Total	\$5,240.19	\$4,305.22	\$364.50	\$225.50	\$53.00	\$25.00	\$68.00	\$50.80	\$2,417.42	\$1,117.00

CONSOLIDATED STATEMENT
OF REVENUES
THEREOF
PERIOD

Sale
Of
J

REVENUES DERIVED FROM THE CANALS AND PUBLIC PARKS OF OHIO—Concluded.
INDIAN LAKE.

Source and Character of Revenues.	Total 7½ Months 1914.	Total 7½ Months 1915.	Nov.	Dec.	Jan.	Feb.	March.	April.	May.
Land rents	\$909.97	\$1,017.24	\$78.00	\$43.50	\$14.75	\$6.00	\$25.00	\$6.00	
Boat license	1,178.00	452.00	37.00						
Miscellaneous	174.12	307.12	5.00			77.00		\$6.00	
Total	\$2,259.99	\$1,776.36	\$120.00	\$43.50	\$14.75	\$83.00	\$25.00	\$9.12	\$15.12
								\$191.40	\$191.40
LAKE ST. MARYS.									
Land rents	\$1,567.33	\$804.62	\$78.00	\$91.78	\$52.52	\$42.42	\$39.34	\$65.70	\$307.84
Boat license	279.09								
Miscellaneous	420.95	363.42				175.42		5.00	183.00
Total	\$2,267.28	\$1,168.04	\$78.00	\$91.78	\$52.52	\$217.84	\$39.34	\$70.70	\$520.84
									\$520.84
PORTAGE LAKES.									
Land rents	\$130.50	\$249.83	\$31.00				\$6.00		\$178.50
Boat license	1,736.00	1,243.00							329.00
Miscellaneous	33.55	49.01							28.62
Total	\$1,900.05	\$1,541.84	\$31.00				\$6.00		\$536.12
Grand Total	\$105,978.88	\$110,944.03	\$9,537.34	\$16,297.82	\$5,621.29	\$2,412.84	\$16,675.57	\$1,378.86	\$50,704.64
									\$8,315.57

PERSONAL SERVICE.

RECEIPTS.

Balance Nov. 16, 1914	\$19,332 37
By appropriation	31,090 00
	\$50,422 37

EXPENDITURES.

A-1. Salaries of—

Superintendent	\$2,500 00	
Secretary	1,250 00	
Clerks and stenographers	3,430 00	
Engineers	6,087 50	
Division engineers	1,895 83	
Surveyor and draftsmen	2,525 00	
Inspectors	1,493 00	
Foremen	7,659 17	
Patrolmen and watchmen	9,348 50	
		\$36,189 00

A-2. Wages Miami & Erie Canal—

Laborers	\$5,465 30	
Teamsters	747 60	
		6,212 90

A-2. Wages Ohio & Erie Canal—

Laborers	\$3,409 91	
Teamsters	45 75	
		3,455 66

A-2. Wages Dredge Crews—

Engineers	\$920 00	
Cranesmen	640 80	
Firemen	534 00	
Deckhands	432 20	
Night Watchmen	588 00	
		3,115 00

Total expenditures	\$48,972 56
Balance June 30, 1915	1,449 81
	\$50,422 37

MAINTENANCE.

RECEIPTS.

Balance November 16, 1914	\$7,140 55
By appropriation	5,651 00
Refund	114 05
	\$12,905 60

EXPENDITURES.

Total expenditures	\$11,867 08
Balance June 30, 1915	1,038 52
	\$12,905 60

TRAVELING EXPENSES OF SECRETARY.

RECEIPTS.

Balance Nov. 16, 1914	\$126 05
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EXPENDITURES.

Carfare	\$16 40
Hotel and meals	18 60
Meals enroute	2 85
Sleeper or chair car	1 50
Cab or carfare	1 35
Total expenditures	\$40 70
Balance June 30, 1915	85 35
	\$126 05

CONTINGENT.

RECEIPTS.

Balance Nov. 16, 1914	\$3 22
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EXPENDITURES.

Postage	\$3 22
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IMPROVEMENTS AND REPAIR OF CANAL.

RECEIPTS.

Balance Nov. 16, 1914	\$1,636 42
By refund	164 23
	\$1,800 65

EXPENDITURES.

Telephone	\$8 40
Balance, June 30, 1915	1,792 25
	\$1,800 65

INDIAN LAKE WALL.

RECEIPTS.

Balance, Nov. 16, 1914	\$10,556 83
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EXPENDITURES.

Contract for Construction—

Supervision	\$150 00
Expense of supervision	146 81
Labor	554 25
Concrete	7,978 93
Steel	1,198 68
Gravel	57 60
Vitrified Tile	15 00
Oak Piling	45 00
Excavation (dry)	309 44
Equipment	101 12

Total expenditures \$10,556 83

DREDGING AND REMOVAL OF STUMPS AT INDIAN LAKE.

RECEIPTS.

Balance, Nov. 16, 1914 \$950 75

EXPENDITURES.

Wages	\$808 50
Supplies	9 38
Materials	55 10
Equipment	26 70
General Plant Service	18 15

Total expenditures \$917 83
 Balance, June 30, 1915 32 92

\$950 75

WALL EAST SIDE LAKE ST. MARYS.

RECEIPTS.

Balance, Nov. 16, 1914 \$7,881 07

EXPENDITURES.

Labor	\$1,084 75
Teamsters	370 00
Material	19 71
Equipment	761 02

Total Expenditures \$2,235 48
 Balance, June 30, 1915 5,645 59

\$7,881 07

ADDITIONAL WASTE GATES WEST BANK LAKE ST. MARYS.

RECEIPTS.

Balance, Nov. 16, 1914	\$7,465 91
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EXPENDITURES.

Contract for Construction—

Concrete	\$3,325 30	
Steel	575 08	
Vitrified Tile	460 20	
Excavation (dry)	492 50	
Excavation (wet)	247 66	
Macadam paving	142 64	
Steel piling	1,120 86	
Valve house	600 00	
Pipe rail for bridge	500 00	
Total expenditures		\$7,464 24
Balance, June 30, 1915		1 67
		\$7,465 91

DREDGING CHANNEL FROM AVONDALE TO THORNPORT.

RECEIPTS.

Balance, Nov. 16, 1914	\$400 53
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EXPENDITURES.

Labor	\$390 00	
Supplies	6 17	
Equipment	3 93	
Total expenditures		\$400 10
Balance, June 30, 1915		43
		\$400 53

MIDDLETOWN DAM.

RECEIPTS.

Balance, Nov. 16, 1914	\$13 09
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EXPENDITURES.

Expense of supervision	\$13 09
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SEWAGE PLANT BUCKEYE LAKE.

RECEIPTS.

Balance, Nov. 16, 1914	\$3,478 00
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EXPENDITURES.

Balance, June 30, 1915	\$3,478 00
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INVESTIGATION OF DAMAGE CLAIMS.

RECEIPTS.

Balance, Nov. 16, 1914	\$228 95
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EXPENDITURES.

Witness fees	\$10 00
Balance, June 30, 1915	218 95
	\$228 95

RECAPITULATION.

RECEIPTS.

Balance, Nov. 16, 1914	\$59,213 74
By appropriation	36,741 00
Refund	278 28
	\$96,233 02

EXPENDITURES.

Personal Service—		
A-1. Salaries	\$36,189 00	
A-2. Wages	12,783 56	
		\$48,972 56
Maintenance—		
C—Supplies—		
C- 2. Forage and veterinary	\$791 43	
C- 3. Fuel supplies	452 75	
C- 4. Office supplies	422 52	
C-10. Motor vehicle	132 10	
C-11. General plant	246 97	
		\$2,045 77
D—Materials—		
D-3. General plant	1,366 28	
E—Equipment—		
E-1. Office equipment	\$11 61	
E-9. General plant	643 06	
		654 67

Maintenance—Concluded—

F—Contract and Open Order Service—

F-1. General repairs	\$306 87
F-5. Transportation	2,845 19
F-7. Communication	557 87
F-3. Contingent	121 00
F-9. General plant service	244 22

4,075 15

G—Addition and Betterments 3,777 53

11,919 40

Contract for Construction of—

Indian Lake wall	\$10,556 83
Dredging and removal of stumps, Indian Lake.....	917 83
Wall, east side, Lake St. Marys.....	2,235 48
Additional waste gates, west bank, Lake St. Marys	7,464 24
Dredging channel from Avondale to Thornport.....	400 10
Middletown dam	13 09

21,587 57

Investigation of Damage Claims..... 10 00

Total expenditures \$82,489 53

Balance, June 30, 1915 13,743 49

\$96,233 02

REPORT OF THE STATE LIQUOR LICENSING COMMISSION

GENERAL RECAPITULATION OF RECEIPTS AND EXPENDITURES FROM AUGUST 4, 1914, TO JUNE 30, 1915, INCLUSIVE.

Balance on hand, August 4, 1914.....	\$583,886 94	
Receipts, August 4, 1914, to June 30, 1915.....	666,179 27	
		\$1,250,066 21

Transferred from State Liquor License Fund to General Fund	\$750,000 00	
Expenditures—		
State Board	41,971 98	
County Boards	144,825 05	
Inspection Department	40,266 84	
Total disbursements		\$977,063 87

Balance in State Liquor License Fund at the close of business, June 30, 1915	\$273,002 34
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STATEMENT OF THE FEES RECEIVED FROM AUGUST 4, 1914, TO JUNE 30, 1915, INCLUSIVE.

County received from	Applications for license.	Applications for removal.	Applications for transfer.	Transfer fees.	Transcript fees.	Registration fees.
Allen	\$425.00	\$15.00	\$15.00	\$400.00		\$8,000.00
Ashtabula	405.00	50.00		100.00		4,400.00
Athens	215.00	15.00	10.00	100.00		3,400.00
Auglaize	170.00	10.00	10.00	250.00		3,300.00
Belmont	1,005.00	80.00		250.00		6,400.00
Brown	45.00					700.00
Butler	760.00	35.00	65.00	600.00	\$22.00	12,900.00
Champaign	20.00	5.00				100.00
Clark	490.00	15.00	70.00	400.00		9,700.00
Clermont	45.00					500.00
Columbiana	400.00	25.00	10.00	50.00		7,200.00
Coshocton	110.00		20.00	50.00		2,100.00
Crawford	230.00	5.00	40.00	350.00		4,300.00
Cuyahoga	9,510.00	615.00	520.00	3,800.00	188.17	134,100.00
Darke	140.00	5.00	10.00	50.00		2,300.00
Defiance	85.00	10.00	10.00	100.00		1,600.00
Delaware	80.00				5.00	1,100.00
Erie	400.00	25.00	10.00	150.00		6,100.00
Fairfield	175.00		20.00	100.00		2,800.00
Franklin	2,150.00	110.00	80.00	800.00		41,500.00
Fulton	45.00	5.00				400.00
Gallia	90.00					1,100.00
Greene	95.00	5.00				7,600.00
Hamilton	6,110.00	395.00	395.00	3,450.00	50.00	99,800.00
Hardin	140.00	20.00		150.00		1,500.00
Henry	155.00		30.00	200.00		2,700.00
Hocking	75.00	15.00				1,300.00
Huron	190.00	10.00	5.00			3,600.00
Jackson	115.00	10.00				2,100.00
Jefferson	350.00	25.00	10.00	150.00	75.00	3,200.00
Lawrence	145.00	25.00		50.00		2,800.00
Licking	380.00	50.00	55.00	300.00	1.00	6,300.00
Logan	60.00	5.00				200.00
Lorain	715.00	55.00	55.00	450.00	10.00	11,600.00
Lucas	2,900.00	220.00	250.00	2,000.00		40,800.00
Madison	80.00	5.00				900.00
Mahoning	2,030.00	260.00	120.00	1,200.00	60.40	23,900.00
Marion	290.00	5.00	60.00	400.00		4,800.00

STATEMENT OF FEES RECEIVED—Concluded.

County received from	Applications for license.	Applications for removal.	Applications for transfer.	Transfer fees.	Transcript fees.	Registration fees.
Medina	\$10.00	\$5.00	.....	.....	.....	\$200.00
Melgs	70.00	.....	.....	.....	.....	800.00
Mercer	145.00	10.00	.....	\$50.00	.....	2,600.00
Miami	240.00	.....	.....	100.00	\$58.50	2,200.00
Monroe	50.00	.....	.....	.....	.....	500.00
Montgomery	1,495.00	45.00	\$105.00	750.00	10.00	26,800.00
Muskingum	335.00	20.00	25.00	200.00	.....	6,400.00
Ottawa	185.00	20.00	.....	200.00	.....	2,300.00
Paulding	55.00	.....	.....	.....	.....	700.00
Perry	240.00	15.00	.....	.....	110.00	3,200.00
Pickaway	85.00	.....	10.00	50.00	.....	1,600.00
Pike	25.00	.....	.....	.....	.....	400.00
Portage	125.00	.....	.....	.....	.....	300.00
Preble	35.00	.....	.....	.....	.....	600.00
Putnam	100.00	.....	5.00	.....	.....	1,900.00
Richland	300.00	15.00	120.00	700.00	.....	5,700.00
Ross	175.00	10.00	20.00	100.00	.....	3,500.00
Sandusky	210.00	15.00	30.00	250.00	.....	3,700.00
Scioto	325.00	5.00	65.00	500.00	20.00	5,700.00
Seneca	275.00	15.00	30.00	200.00	.....	5,400.00
Shelby	115.00	.....	.....	.....	.....	2,100.00
Stark	1,220.00	55.00	155.00	1,000.00	62.00	21,200.00
Summit	1,480.00	95.00	215.00	1,350.00	50.00	21,500.00
Trumbull	420.00	40.00	.....	100.00	.....	2,700.00
Tuscarawas	230.00	5.00	40.00	1.50	.....	4,800.00
Union	60.00	.....	.....	.....	.....	1,100.00
Vinton	10.00	.....	.....	.....	.....	100.00
Warren	95.00	.....	.....	.....	.....	700.00
Washington	175.00	25.00	30.00	200.00	.....	3,300.00
Wayne	75.00	.....	.....	.....	.....	500.00
Wood	245.00	40.00	.....	.....	.....	1,800.00
Wyandot	65.00	.....	.....	50.00	.....	1,200.00
Totals	\$39,545.00	\$2,565.00	\$2,720.00	\$21,850.00	\$720.07	\$598,600.00

Applications for license.....	\$39,545.00
Applications for removal.....	2,565.00
Applications for transfer.....	2,720.00
Transfer fees	21,850.00
Transcript fees	720.07
Registration fees	598,600.00
Witness fees collected by inspectors.....	164.70
Miscellaneous	14.50
Total	\$666,179.27

The following is a classified statement of the expenditures of the state board from August 4, 1914, to June 30, 1915, inclusive:

Personal Service—

Salary of commissioners	\$13,749 78
Salary of secretary	2,750 00
Salary of clerks	6,800 00
Salary of stenographers	3,585 00
Temporary clerks	35 00

Maintenance—

Office supplies	116 40
Office equipment	677 39
Telephone service	766 46
Telegraph service	74 14
Printing and stationery	1,055 21
Traveling expenses	506 94
Expressage and delivery	138 66

Maintenance—Concluded.

Rent	3,162 50	
Refund and registration fees	700 00	
Postage due and box rent	18 65	
Contingencies	680 87	
Supply department	7,154 98	
Total		\$41,971 98

The following is a recapitulation of expenses of inspectors from August 4, 1914, to June 30, 1915, inclusive:

Salary of Inspectors	\$25,136 49	
Traveling Expenses—		
Railroad fares	3,740 20	
Chair car or sleeper	63 90	
Meals and lodging	8,947 86	
Street car, cab or livery	977 10	
Telephone, telegraph, postage	29 42	
Contingent Expenses—		
Witnesses and assistants	60 75	
Maintenance of witnesses	19 65	
Purchases	1,271 47	
Analyses	20 00	
Total		\$40,266 84

The following is a recapitulation of the expenses of the county boards from August 4, 1914, to June 30, 1915, inclusive:

Personal Service—		
Salary of commissioners	\$102,561 92	
Secretary, clerks	20,502 39	
Temporary clerks	2,153 34	
Maintenance—		
Office supplies	132 24	
Office equipment	1,564 97	
Advertising	4,136 91	
Telephone service	1,685 29	
Telegraph service	4 58	
Printing and stationery	73 95	
Traveling expenses	763 97	
Hire of conveyances	219 45	
Expressage and delivery	54 29	
Rent	9,726 14	
Heat, light and power	78 34	
Janitor service	25 25	
Contingencies	479 20	
Fees and mileage	229 97	
Cost of hearings	432 85	
Total		\$144,825 05

INSPECTION DIVISION.

Counties	Certifications		Prosecutions of Unlicensed Persons			Prosecutions of Licensed Persons			Total Prosecutions		
	No.	Assessments and Penalties.	No. Cases.	No. Convictions.	Fines Imposed.	No. Cases.	No. Convictions.	Fines Imposed.	No. Cases.	No. Convictions.	Fines Imposed.
Adams	..	..	1	1	\$50.00	..	..	..	1	1	\$50.00
Allen	..	..	8	6	1,300.00	7	6	465.00	15	12	1,765.00
Ashland	..	..	5	4	350.00	..	..	..	5	4	350.00
Ashtabula	..	..	..	..	..	1	1	50.00	1	1	50.00
Athens	2	1,440.69	6	6	1,850.00	2	1	75.00	8	7	1,925.00
Auglaize	..	..	1	1	10.00	4	4	80.00	5	5	90.00
Belmont	2	1,067.92	15	13	1,700.00	..	..	..	15	13	1,700.00
Butler	..	..	3	3	550.00	1	1	25.00	4	4	575.00
Champaign	..	..	10	4	800.00	..	..	..	10	4	800.00
Clark	2	1,329.68	3	3	600.00	..	..	..	3	3	600.00
Columbiana	2	1,359.34	6	4	500.00	1	1	50.00	7	5	550.00
Coshocton	..	..	4	4	1,000.00	..	..	..	4	4	1,000.00
Crawford	2	1,329.68	6	2	600.00	..	..	..	6	2	600.00
Cuyahoga	..	..	85	76	15,425.00	1	1	25.00	86	77	15,450.00
Defiance	..	..	1	1	100.00	1	1	50.00	2	2	150.00
Delaware	1	240.00	1	1	200.00	1	1	15.00	2	2	215.00
Erie	..	..	2	1	200.00	..	..	..	2	1	200.00
Fairfield	1	659.36	1	1	50.00	1	1	100.00	2	2	150.00
Franklin	..	..	50	43	7,375.00	10	8	575.00	60	51	7,950.00
Gallia	4	3,201.11	15	11	2,200.00	..	..	..	15	11	2,200.00
Guernsey	..	..	2	1	100.00	..	..	..	2	1	100.00
Hamilton	3	2,093.39	47	39	8,700.00	30	26	670.00	77	65	9,370.00
Hardin	..	..	15	13	1,850.00	..	..	..	15	13	1,850.00
Hocking	1	949.45	1	1	200.00	..	..	..	1	1	200.00
Holmes	..	..	2	1	100.00	..	..	..	1	1	100.00
Huron	..	..	2	1	100.00	..	..	..	2	1	100.00
Jackson	3	1,899.11	2	2	400.00	..	..	..	2	2	400.00
Jefferson	1	949.45	23	14	6,700.00	8	2	500.00	31	16	4,200.00
Knox	2	2,140.66	3	3	850.00	..	..	..	3	3	850.00
Licking	..	..	5	5	800.00	..	..	..	5	5	800.00
Logan	2	1,796.70	14	12	3,350.00	..	..	..	14	12	3,350.00
Lorain	2	1,968.81	9	7	1,550.00	5	2	200.00	14	9	1,750.00
Lucas	2	1,997.81	21	19	3,700.00	..	..	..	21	19	3,700.00
Madison	..	..	9	8	1,350.00	..	..	..	9	8	1,350.00
Mahoning	1	240.00	15	12	1,850.00	..	..	..	15	12	1,850.00
Marion	1	824.17	1	1	100.00	..	..	..	2	2	150.00
Montgomery	6	3,929.02	32	25	4,200.00	1	1	50.00	32	25	4,200.00
Morrow	..	..	5	3	300.00	..	..	..	5	3	800.00
Muskingum	1	1,183.51	2	2	400.00	1	1	100.00	3	3	500.00
Mercer	1	936.26	..	..	..	..	..	..	..	..	..
Monroe	3	2,749.44	6	6	1,200.00	..	..	..	6	6	1,200.00
Morgan	1	253.82	..	..	..	..	..	..	..	..	..
Noble	2	1,912.09	3	3	650.00	..	..	..	3	3	650.00
Paulding	..	..	1	1	100.00	..	..	..	1	1	100.00
Perry	1	326.35	10	8	1,300.00	..	..	..	10	8	1,300.00
Pickaway	1	787.92	..	..	..	..	..	..	..	..	..
Pike	2	570.29	6	6	1,200.00	1	1	200.00	7	7	1,400.00
Richland	..	..	1	1	100.00	1	1	25.00	2	2	125.00
Ross	..	..	1	1	100.00	..	..	..	1	1	100.00
Shelby	1	932.96	..	..	..	..	..	..	..	..	..
Scioto	..	..	5	5	650.00	..	..	..	5	5	650.00
Stark	1	398.88	..	..	..	2	2	50.00	2	2	50.00
Summit	2	1,961.54	17	13	2,800.00	..	..	..	17	13	2,800.00
Trumbull	..	..	1	1	200.00	..	..	..	1	1	200.00
Tuscarawas	2	1,027.47	10	7	1,400.00	1	1	50.00	11	8	1,450.00
Union	1	580.00	..	..	..	..	..	..	..	..	..
Wayne	1	1,193.41	3	3	350.00	..	..	..	3	3	350.00
Warren	..	..	..	..	..	1	1	50.00	1	1	50.00
Williams	1	1,031.88	..	..	..	..	..	..	..	..	..
Wood	4	1,148.54	6	6	1,100.00	..	..	..	6	6	1,100.00
Total	65	\$47,911.71	502	415	\$79,610.00	81	64	\$3,405.00	583*	479	\$83,015.00

*Of the number of arrests, 41 cases are still pending.

INSPECTION DIVISION—Concluded.

	Number of visits made to inspect licensed places.	Number of visits made to inspect unlicensed places.	Total number of visits made.	Number of trips to testify as wit- nesses.
August	260	1,113	1,373	114
September	208	1,127	1,335	107
October	658	993	1,651	77
November	496	1,114	1,610	59
December	520	1,022	1,542	57
January	915	808	1,723	75
February	567	787	1,354	53
March	178	558	736	66
April	112	736	848	61
May	102	646	748	87
June	297	692	989	85
Total	4,313	9,596	13,909	841

REPORT OF THE DEPARTMENT OF STATE OIL INSPECTOR

An exhibit of the number of barrels of oil, gasoline, naphtha and other petroleum products inspected during the period commencing January 1, 1915, and ending June 30, 1915, together with the amount of fees charged for such work and the amount paid to the various deputies therefor.

Name of Deputy.	Oil.	Gasoline.	Total.	Fees Charged.	Deputies Fees Paid.
Sylvanus Walter	5,896	8,442	14,338	\$223.31	\$423.30
J. F. Cuff.....	6,003	8,088	14,091	277.62	422.73
F. X. Altenburger.....	7,715	9,952	17,667	472.30	550.55
D. E. Baxter, Jr.....	8,180	23,080	31,260	777.25	600.00
Gottlieb Laut	6,744	8,738	15,482	363.21	447.70
W. H. Fristoe.....	7,299	7,882	15,181	387.62	452.77
Val Stokely.....	9,246	13,143	22,389	527.86	568.78
Jas. R. Muldoon.....	9,042	32,851	41,893	1,109.88	600.00
Edw. P. Mick.....	8,881	16,400	25,281	618.59	586.34
Wm. J. Devanney and Fred F. Willenbrink.....	18,081	57,928	76,009	2,094.40	1,200.00
Henry Sacker	9,156	13,248	22,404	632.85	577.12
J. B. Pemberton	10,988	12,454	23,442	585.00	568.88
F. M. Day.....	10,804	18,748	29,552	712.41	565.04
Geo. W. Montgomery.....	10,780	17,119	27,899	595.48	590.90
D. E. Moore.....	4,922	10,682	15,604	363.93	438.31
John Bolan	8,924	24,954	33,878	796.00	600.00
John Habersack	7,837	23,641	31,478	792.90	600.00
Thomas Murray	6,044	14,107	20,151	456.23	509.07
John J. McGrady.....	5,596	15,212	20,808	512.31	548.70
Chas. McDermott	11,191	18,380	29,571	660.23	590.27
John Battenfeld	11,402	16,715	28,117	729.59	599.27
*Bert Walter	6,277	11,360	17,637	914.45	300.00
*J. M. Carr	1,917	5,498	7,425	.....	.....
*H. W. Putnam.....	3,045	14,018	17,063	303.45	200.00
*Hugh Buell	307	3,943	4,250	130.65	100.00
George A. Schausell.....	5,795	5,632	11,427	260.83	342.81
Jacob J. Orlett.....	6,708	7,040	13,757	372.86	412.71
Samuel T. Cook.....	2,919	2,293	5,212	168.12	159.36
†Chas. J. Kessler.....	3,791	2,580	6,371	231.87	321.88
†La Bert Davie.....	3,241	7,973	11,214	167.19	300.00
S. B. Darner.....	6,592	7,913	14,505	362.51	432.55
J. K. Poundstone.....	6,650	11,428	17,078	404.05	480.06
John McFarland.....	6,407	47,328	53,735	1,356.12	600.00
Joe Bock and P. J. Dunlany.....	39,077	183,874	223,951	5,725.92	1,200.00
C. O. Smith.....	7,011	13,620	20,631	501.16	544.69
S. M. Raymond.....	14,155	31,550	45,705	1,248.77	600.00
Chas. C. Schwengel.....	8,769	19,206	27,975	754.86	597.65
Charles Pluchel	4,930	9,991	14,921	395.04	423.68
L. Linberger	4,676	6,156	10,832	280.43	294.96
V. E. Tarr.....	5,600	6,848	12,448	362.05	373.44
F. F. Hartwig.....	4,842	4,436	9,278	298.14	278.34
Dean McCall	3,306	6,912	9,318	241.93	279.54
Emmet Lee	3,548	5,338	8,886	230.54	265.30
Totals	324,294	784,820	1,109,114	\$28,594.08	\$20,448.10

*J. M. Carr, State Inspector, inspected during month of April, 1915.

*H. W. Putnam succeeded, provisionally, Bert Walter May 1, 1915.

*Hugh Buell appointed June 1, 1915, to succeed H. W. Putnam, whose service ended June 30, 1915.

†La Bert Davie succeeded C. J. Kessler April 1, 1915.

INSPECTIONS MADE FROM JANUARY 1, 1915, TO JUNE 30, 1915, FOR THE CONCERNS LISTED.

It will be observed that, owing to a decision of the supreme court, declaring certain phases of the act, under which this department had been operating, in contravention to the Federal Constitution, and upon the advice of the attorney general of the state, no fees were charged nor collections made during the period embraced from March 1, 1915, to May 19, 1915.

Name.	Barrels Inspected.	Fees Due.	Fees Paid.	Fees Unpaid.
Akron Varnish Co., Akron.....	804	\$22.97	\$22.97	.....
Atlantic Ref. Co., Cleveland.....	18	1.35	1.35	.....
Akron Soap Co., Youngstown.....	127	.....	.....	.....
Barrett Mfg. Co., Cleveland.....	280	7.28	7.28	.....
Brooks Oil Co., Cleveland.....	1,803	46.88	46.88	.....
Baltimore & Ohio R. R., Baltimore.....	1,838	56.64	67.82	\$89.78
Baird, R. C., Ashtabula.....	2	.30	.30	.....
Central Ohio Oil Co., Columbus.....	7,092	214.89	162.60	52.29
Canfield Oil Co., Cleveland.....	23,475	645.23	645.23	.....
Commercial Oil Co., Cleveland.....	2,091	88.41	89.10	9.51
Cincinnati Oil Works, Cincinnati.....	5,598	152.55	152.55	.....
Columbus Oil Co., Columbus.....	5,702	144.28	106.39	37.89
C. H. & D. R. R., Cincinnati.....	580	30.49	66.05	1.60
C. & O. and I. R. R., Cincinnati.....	86	4.60	4.60	.....
Crystal Oil Co., Youngstown.....	367	15.96	9.94	6.02
Canton Oil and Grease Co., Canton.....	1,237	37.11	37.11	.....
Crystal Gasoline Co., Bellaire.....	334	17.65	5.00	1.10
Day, B. T. & S. P. Co., Cleveland.....	461	11.48	11.48	.....
Devereaux, D. L., Ashtabula.....	24	3.60	3.60	.....
Dinsmore & Co., St. Marys, W. Va.....	21	3.75	3.75	.....
Engelne Ref. & Mfg. Co., Cleveland.....	1,955	30.62	30.62	.....
Franklin Oil & Gas Co., Cleveland.....	246	17.22	17.22	.....
Fairfield Grease & Oil Co., Lancaster.....	575	14.41	14.41	.....
Freedom Oil Works Co., Freedom, Pa.....	44,545	1,216.51	871.20	345.31
Factory Oil Co., Akron.....	163	.....	.....	.....
Great Western Oil Co., Cleveland.....	7,890	205.63	205.63	.....
Galena-Signal Oil Co., Cincinnati.....	228	8.61	8.61	.....
Gerkins Oil Co., Dayton.....	11,862	282.25	215.89	66.36
Goodyear Tire & Rubber Co., Akron.....	657	19.71	19.71	.....
Gibson, S. G., Oberlin.....	.....	.....	.....	19.60
Gem City Garage, Port Homer.....	.....	.....	.....	6.90
Gulf Refining Co., Pittsburg, Pa.....	101	.....	.....	.....
Hocking Valley R. R. Co., Columbus.....	185	5.00	11.00	.....
Hatch, Jay F., Andover.....	11	1.10	1.10	.....
Helvetia Milk Condensing Co., Delta.....	89	.....	.....	.....
Home Oil Co.....	1,095	26.04	26.04	.....
High Grade Ref. Co.....	.....	.....	.....	7.14
Indian Ref. Co., Dayton, Ohio.....	5,987	78.26	60.20	18.06
Independent Oil Co., Mansfield.....	3,482	107.35	107.35	.....
Indian Ref. Co., Cincinnati.....	1,858	130.06	130.06	.....
International Harvester Co., Akron.....	162	.....	.....	.....
Jefferson Oil & Gas Co., Rayland, Ohio.....	4	.60	.60	.....
Kundz, Theodore, Cleveland.....	750	26.76	26.76	.....
Kay & Eee Co., Dayton.....	163	.....	.....	.....
Kirkpatrick, J. A.....	159	.....	.....	.....
Kentucky Independent Oil Co.....	1,176	75.00	75.00	.....
L. S. & M. S. R. R., Cleveland.....	20	4.00	7.60	.....
Lubric Co., Cleveland.....	5,931	135.16	135.16	.....
Lake Erie Oil Co., Cleveland.....	5,565	122.79	122.79	.....
Moore Oil Co., Cincinnati.....	29,017	767.49	480.70	286.79
Merchants Oil Co., Cincinnati.....	4,799	129.98	129.98	.....
Medina Oil Co., Medina.....	1,212	32.42	32.42	.....
Motor Fuel Lubricating Co., Portsmouth.....	2,058	52.26	49.39	14.00
Marchoss, R. T., Oil Co., Youngstown.....	51	10.50	3.90	6.60
Maloney Oil & Mfg. Co.....	162	.....	.....	.....
McKee, C. D., Smithville.....	72	.....	.....	.....
National Ref. Co., Cleveland.....	20,096	585.03	585.03	.....
N. Y. C. & St. L. R. R., Cleveland.....	135	16.00	16.00	.....
Norfolk & Western R. R., Roanoke.....	1,187	41.40	53.36	.....
Oil City Oil & Grease Co., Oil City.....	1,469	23.60	23.60	.....
Oil Marketing Co.....	105	.....	.....	.....
Paragon Refining Co., Toledo.....	18,473	483.24	343.17	140.07

INSPECTIONS MADE FROM JANUARY 1, 1915, TO JUNE 30, 1915, FOR THE CONCERNS LISTED—Concluded.

Name	Barrels Inspected.	Fees Due.	Fees Paid.	Fees Unpaid.
Paragon Refining Co., Cincinnati.....	2,026	65.69	65.69	.....
Pennsylvania Lines, Pittsburg	4,079	166.75	313.12	54.53
Pitkin Brothers, Ravenna	95	.....	.....	.....
Pitkin, C. H., Ravenna.....	1,030	22.02	16.84	10.29
Port Homer Gas Co., Port Homer.....	.....	.....	.....	1.80
P. & L. E. R. R., Pittsburg.....	130	16.50	16.50	.....
Pennsylvania Oil Co., Delaware.....	2,911	68.03	69.46	9.84
Payne, A. I.....	130	5.98	5.98	.....
Patterson-Sargent Co., Cleveland.....	1,619	43.74	43.74	.....
Pioneer Mfg. Co.....	65	5.24	5.24	.....
Pitney Brothers	58	.....	.....	.....
Pemrick Oil Co.....	70	4.90	4.90	.....
Pitkin & Bennett, Ravenna.....	411	7.44	7.44	.....
Refiners Oil Co., Dayton.....	2,012	42.62	42.62	.....
Ring, M. A.....	4	.60	.60	.....
Solar Refining Co., Lima.....	185,965	4,492.76	2,863.57	1,629.19
Standard Oil Co., Cleveland.....	423,227	10,706.15	7,155.26	3,550.89
Standard Oil Co., Columbus.....	180,385	4,650.45	3,624.95	1,025.50
Standard Oil Co., Cincinnati.....	40,751	1,114.08	761.14	352.94
Sun Co., Toledo.....	16,007	405.03	279.24	125.79
Standard Oil Co., Wheeling.....	36	4.80	4.80	.....
Sterling Oil Works, Marietta.....	1,105	32.76	32.76	.....
St. Clair, A. R.....	51	1.53	1.53	.....
Texas Company, New York.....	8,985	243.18	243.18	.....
Thomas, J. E.....	5	1.50	1.50	.....
Tower Varnish Co.....	162	4.86	4.86	.....
Tri-State Oil & Supply Co.....	.....	.....	.....	5.25
Vahey Oil Co.....	161	11.27	.....	11.27
Village of New Concord, New Concord, Ohio.....	135	9.45	9.45	.....
Willbourn Oil Works, Cincinnati.....	2,621	90.33	90.33	.....
White Star Oil Co., Eaton.....	8,361	184.45	179.56	4.89
Western Oil Ref. Co., Indianapolis.....	111	4.10	4.10	.....
Wabash Railroad Co.....	440	10.00	36.11	.....
Wright, Z. E., Conneaut.....	4	.60	.60	.....
Western Conduit Co., Youngstown.....	162	11.34	11.34	.....
Wood, A. E., Reno.....	62	.....	.....	.....
Ward, R. E.....	51	1.53	1.53	.....
Totals	1,109,114	\$28,594.08	\$21,146.36	\$7,891.00

FINANCIAL STATEMENT.

RECEIPTS.

Total fees collected January 1, to June 30, 1915..... \$21,146.36

DISBURSEMENTS.

Salary State Inspector of Oils--	
Wm. Mason, January 1-February 18, 1915.....	\$471.14
J. M. Carr, Feb. 19-June 30, 1915.....	1,278.82
Travelling Expenses State Inspector of Oils--	
Wm. Mason, Jan. 1-Feb. 18, 1915.....	15.85
J. M. Carr, Feb. 19-June 30, 1915.....	100.10
Salary of Chief Clerk--	
Flora Voeller, Jan. 1-Feb. 28, 1915.....	250.00
Ona Elser, March 1-June 30, 1915.....	500.00
Rent of offices Jan. 1-June 30, 1915.....	408.00
Office expenses Jan. 1-June 30, 1915.....	287.38
Postage Jan. 1-June 30, 1915.....	40.00
Deputies' fees Jan. 1-June 30, 1915.....	20,448.10
	23,799.39
Deficit Jan. 1-June 30, 1915, owing to fallow period.....	\$ 2,653.03

REPORT OF THE STATE FIRE MARSHAL

An abstract of the records of this department from the date of the last annual report, to the beginning of the new fiscal year:

Number of fires reported	2609
Loss on buildings and contents	\$2,669,503
Leading causes—	
Sparks from chimneys, 419 fires, loss.....	\$135,120
Defective flues, 286 fires, loss.....	210,740
Match carelessness, 217 fires, loss.....	119,814
Incendiary fires	81
Number of inspections made	4581
Number of orders issued	4510
(About 90 per cent. of these orders were complied with.)	
Confessions secured	41
Arrests made	67
Convictions secured	59

PROSECUTIONS FROM JANUARY 1, 1915, TO JULY 1, 1916.

Month	Confessions.	Warrants.	Arrests.	Bound over.	Failed to bind over.	Indicted.	Failed to indict.	Acquittal.	Pleaded guilty.	Conviction.
January	3	8	8	4	..	7	..	..	3	5
February	7	8	8	3	..	1	..	..	2	8
March	10	17	16	11	..	3	..	..	4	10
April	6	15	15	10	..	2	..	2	1	6
May	8	11	11	3	..	17	1	2	4	21
June	7	10	9	8	..	3	..	1	6	9
Totals (for first half 1915)	41	69	67	39	..	33	1	5	21	59

REPORT OF THE STATE CIVIL SERVICE COMMISSION

REPORT OF EXAMINATIONS FROM JANUARY 1ST TO JUNE 30, 1915.

Examinations.		Number Applicants.	Number Examined.	Number Passed.	Number Failed.	Number Appointments.
Date.						
Jan.—						
23	Superintendent Children's Home, Marion Co.....	15	15	14	1	1
23	Matron Children's Home, Marion Co.....	14	13	13	0	1
23-30	Supervisor for Advanced Registry.....	25	24	23	6	16
Feb.—						
10	Draftsman and Tracer.....	10	10	5	5	1
10	Multigraph Operator.....	7	7	7	0	1
12	Examiner of Steam Engineers, Hamilton and Clermont Counties.....	3	2	2	0	0
12	Superintendent State Employment Office.....	19	19	12	7	2
13	Superintendent Children's Home, Franklin Co.....	22	21	16	5	1
13	Matron Children's Home Franklin Co.....	29	23	25	3	1
13	Superintendent Children's Home, Fayette Co.....	9	9	9	0	1
13	Matron Children's Home, Fayette Co.....	9	9	9	0	1
13	Superintendent Children's Home, Darke Co.....	8	8	8	0	1
13	Matron Children's Home, Darke Co.....	8	8	8	0	1
17	Assistant Rating Actuary.....	10	10	4	6	1
17	Division Engineer, State Highway Department.....	27	25	14	11	2
18	Reviewer of Claims.....	24	22	15	7	1
19	Gardeners and Truckers.....	18	17	12	4	1
19	Assistant Medical Examiner.....	14	14	6	8	2
19	Departmental Examiner (Set aside by Commission, Minutes July 14, 1915.)					
20	Junior Messenger.....	30	30	24	0	1
20	Assistant Efficiency Examiner.....	23	19	11	8	3
20	Free Employment Clerk.....	73	66	45	21	3
..	Chief Examiner and Secretary State Civil Service Commission					
	(Set aside by Commission.)					
24	Chief Chemist in Testing Laboratory.....	5	5	5	0	1
25	Laboratory Assistant.....	9	8	5	3	1
26	Clerk (Chief Clerk or Assistant Secretary).....	136	123	52	76	...
27	Superintendent Children's Home, Clark Co.....	13	13	12	1	1
27	Matron Children's Home, Clark Co.....	13	13	11	2	1
27	Superintendent Children's Home, Guernsey Co.....	15	14	13	1	1
27	Matron Children's Home, Guernsey Co.....	16	15	12	3	1
Mar.—						
20	Superintendent Children's Home, Pike Co. (Called off.)					
20	Matron Children's Home, Pike Co. (Called off.)					
20	Supervisor for Advanced Registry.....	27	25	21	4	...
27	Superintendent Infirmary, Morrow Co.....	3	1	1	0	1
27	Matron Infirmary, Morrow Co.....	2	1	1	0	1
April—						
7	Dairy Inspector.....	52	42	16	26	1
7	Assistant Stationary Engineer.....	4	4	3	1	2
7	Stationary Engineer.....	24	23	10	13	2
7	Assistant Stationary Engineer.....	5	4	1	3	...
8	Dredge Engineer.....	4	3	2	1	1
8	Craneman (Board of Public Works).....	3	2	0	1	1
8	Fireman (Boiler Operator).....	11	9	4	5	2
9	Lady Visitor (Factory Inspector).....	56	54	28	26	2
9	Mine Inspector.....	27	22	17	5	1
14	Assistant Chief Deputy (Div. W. F. & P. B.).....	4	4	1	3	...
14	Special Eye Nurse (Blind Comm.).....	6	5	5	0	2
15	Horticulturist.....	8	8	8	0	*
15	Director of Exhibits.....	12	12	9	3	1
15	Special Examiner and Attorney.....	8	8	7	1	1
16	Inspector (Banks and Banking).....	22	20	14	6	...
16	Agriculturist.....	22	20	12	8	...
17	Supervising Engineer (State Institutions).....	15	12	12	0	...

REPORT OF EXAMINATIONS FROM JANUARY 1ST TO JUNE 30, 1915

—Concluded.

Examinations.		Number Applicants.	Number Examined.	Number Passed.	Number Failed.	Number Appointments.
Date.						
April—						
17	Special Inspector (Liquor License Board).....	56	47	19	28	2
17	Superintendent Infirmary, Ross Co.....	11	11	7	4	1
17	Matron Infirmary, Ross Co.....	11	11	8	3	1
May—						
12	Assistant Chief Prob. Off., Hamilton Co.....	2	2	2	0	1
12	General Inspector (Division Boiler Inspection).....	19	13	11	2	2
13-14	Superintendent State Highway Department.....	122	107	66	41	4
14	Laboratory Helper	2	2	2	0	....
14	Comptometer Operator	7	7	6	1	1
19	Superintendent State Employment Office, Summit Co.....	15	15	11	4	....
19	Superintendent State Employment Office, Mahoning Co.....	16	16	12	4	1
19	Superintendent State Employment Office, Montgomery Co.....	31	30	18	12	....
20	Clerk State Employment Office, Montgomery Co.....	27	27	19	8	....
20	Clerk State Employment Office, Mahoning Co.....	8	8	8	0	....
20	Nurses (Institutions)	21	20	19	1	....
21	Registrar of Vital Statistics (Postponed).....					
21	Engineering Superintendent (State Highway).....	38	36	32	4	....
22	Examiner State Civil Service Commission.....	52	50	48	2	....
25-26	Stenographer	180	152	97	55	....
27	Foreman (Department Public Works).....	6	6	6	0	2
27	Physician (Board of Administration).....	5	5	4	1	....
28	Laboratory Workers (Psychologist).....	4	4	2	2	....
28-29	Assistant Physicians (State Hospitals).....	17	17	13	4	....
June—						
18	Clerk, State Employment Office, Lucas Co.....	22	21	14	7	....
18	Proofreader (State Auditor's Department).....	8	7	4	3	....
22-26	Inspector (State Highway Department).....	326	302	258	44	....
29	Branch Office Deputy.....	38	36	22	14	....
30	Dentist (State Board of Administration).....	3	3	3	0	....
30	Guard-Teacher	16	15	15	0	....
30	Guard-Mechanic	14	12	12	1	....
30	Hospital Steward	6	6	2	4	....
30	Examiner (Department State Auditor).....	27	27	19	8	....
Grand totals		2,028	1,887	1,341	546	81

*Set aside.

GENERAL REPORT OF THE STATE BOARD OF HEALTH

To comply with an act passed by the eighty-first general assembly this, the thirtieth report of the State Board of Health, covers the period beginning November 15, 1914, and ending June 30, 1915. In the future the report will be made annually, to conform to the fiscal year, that is, from July 1 of one year to July 1 of the next year.

MEETINGS.

Seven meetings of the State Board of Health were held, as follows:

November 19, 1914, in Cleveland.

December 10, 1914, in Columbus.

January 27, 1915, in Columbus.

February 25, 1915, in Columbus.

March 24, 1915, in Toledo.

May 4, 1915, in Cincinnati.

June 3, 1915, in Columbus.

CONFERENCES WITH LOCAL BOARDS OF HEALTH.

A conference with representatives of boards of health of municipalities of 3,000 or more was held in Columbus, January 28 and 29, 1915.

The assistant secretary and the epidemiologist met with county health officials in thirteen counties, namely: Fulton, Williams, Defiance, Henry, Hancock, Van Wert, Crawford, Darke, Miami, Hamilton, Brown, Highland and Pike. To these meetings members of boards of health, health officers and clerks were invited and were encouraged to ask questions and discuss matters pertaining to their duties; the assistant secretary answering questions of a legal nature, and the epidemiologist, those relating to communicable diseases.

CONFERENCE OF STATE AND TERRITORIAL HEALTH AUTHORITIES.

On May 13, 1915, the president, Dr. Sutton, and the secretary attended the Annual Conference of State and Territorial Health Authorities with the United States Public Health Service at Washington, D. C.

The principal subjects under consideration were: Interstate Quarantine Regulations, Morbidity Reports, Sanitation of Public Conveyances, and Transportation of Tuberculous Persons.

CONFERENCE OF STATE AND PROVINCIAL BOARDS OF HEALTH OF NORTH AMERICA.

On May 14-15, 1915, the president, Dr. Sutton, and the secretary attended the thirtieth annual meeting of the Conference of Secretaries of State and Provincial Boards of Health of North America, Washington, D. C. The subjects under consideration at this meeting were:

Conservation of Vision.

Pellagra.

Common Carriers.

Model State, District and County Health Laws.

Venereal Diseases.

Course of Study in Sanitation for Women's Clubs.

Recent Advances in Sanitary Laws, Organization and Practices.

The Whole-Time Health Officer.

Methods of Quarantine and Disinfection.

Degree of Isolation for Measles; Whooping Cough; Scarlet Fever; Diphtheria.

Disinfection after Measles; Whooping Cough; Scarlet Fever; Diphtheria.

Quarantine or no Quarantine for Smallpox.

Differences in Methods of Quarantine and Disinfection for Urban and Rural Populations.

The two meetings were exceedingly profitable, and a detailed discussion of various problems under consideration was presented from time to time through the columns of the Ohio Public Health Journal.

The secretary was elected vice-president of the Conference of State and Provincial Boards of Health, and the president was appointed a member of several important committees.

DIVISIONS OF THE DEPARTMENT.

During the period covered in this report, the work of the State Department of Health was divided into the following divisions: Administration, Sanitary Engineering, Hygienic Laboratories, Communicable Diseases, Public Health Education and Tuberculosis, Survey of Occupational Diseases, and Plumbing Inspection. The offices are located in Page Hall, and the laboratories in a separate building on the campus of the Ohio State University.

In December, 1914, Dr. T. R. Brown resigned as director of laboratories and Dr. F. G. Boudreau, epidemiologist, was placed in charge temporarily. February 1, 1915, Dr. E. F. McSherry, of Brookville, was appointed director of the laboratories, and served until July 1st, when he was made assistant bacteriologist and Mr. L. H. Van Buskirk, a member of the engineering staff, was made director of the laboratories. As there were three changes in the management and as some time was spent in the reorganization of the laboratories, the only report offered is a table showing the work done during the six months.

DIVISION OF ADMINISTRATION.

The secretary and executive officer is in charge of this division and has general supervision of the work of all other divisions. All matters relating to policy, the enforcement of rules and regulations and state laws relating to health, and all correspondence on matters dealing with public health work in general are taken care of in this division. All records and reports are compiled and filed in this division.

The secretary attended several meetings of the executive council of the Ohio Public Health Federation, and a number of conferences of the Association of State Departments interested in social welfare work; the idea of this organization being to provide effective means for co-operation and thereby prevent unnecessary duplication of work.

The secretary appeared before the finance committees of the general assembly on several occasions in reference to appropriations for 1915-16 and 1916-17, and it is gratifying to note that the appropriations for the department were materially increased. For example, the appropriation for the year 1912-13 was, approximately, \$50,000; for 1913-14, approximately, \$80,000, and for 1914-15, approximately, \$90,000. The appropriation bill for 1915-16 carries \$121,000 and for 1916-17, \$126,000.

The work of the department will be greatly increased by the creation of a bureau in the Division of Public Health Education and Tuberculosis, dealing with the admission and discharge of patients from hospitals and sanatoria; by the employment of a public health nurse in this division to carry out the enforcement of the bill passed for the prevention of blindness; by the establishment of a Division of Child Hygiene, and by the appointment of an additional plumbing inspector.

LEGISLATION.

A bill drawn in the state health department, authorizing and directing the State Board of Health to prepare diphtheria antitoxin for free distribution among the poor and indigent upon certification of the family physi-

cian, was passed by the eighty-first general assembly. The plan enlisted the co-operation of the veterinary medicine department of the Ohio State University to the extent that the horses used in the production of the anti-toxin are housed by that department and are under their medical control. The work was started with three horses, the plan being to increase the number next year. This work necessitated the employment of additional assistants in the laboratories. Provision was made in the appropriation bill for these and for adding several chemists to the laboratory staff, to take care of the added analytical work on food and drugs, a work that was formerly done by commercial chemists for the state agricultural department, and for increases in salaries necessary to retain the services of certain technical employes.

The eighty-first general assembly also appropriated the sum of \$1,500 for a medical assistant in the Division of Occupational Diseases, and as the aim was to broaden the scope of the work of this division to include not only occupational diseases, but the general subject of the hygiene of industries, which includes many different considerations in addition to such diseases, the secretary recommended that the name be changed to the Division of Industrial Hygiene. This was done later.

In addition to regular investigations, this division conducted an investigation of the lighting, ventilation, heating, cleanliness, etc., in 182 rural and village schools in Stark county.

A bill was passed changing the rules governing the admission and discharge of patients in the Ohio State Sanatorium. The State Board of Health is authorized to pass rules and regulations regarding same, subject to the approval of the Board of Administration. The charge of \$5.00 a week is made if the patient is able to pay. When the superintendent of the Ohio State Sanatorium reports to the Board of State Charities that an applicant for admission or an inmate of the institution is not able to pay the charge of \$5.00 per week, that board may, after investigation, determine what amount, if any, he shall pay and the difference between the amount so determined and the amount fixed (\$5.00) by law shall be paid from the poor fund of the county in which the applicant or patient has a legal residence. This will enable patients to remain at the institution the time required to effect a cure. By doing away with examining physicians it permits examination of applicants by any licensed physician.

The secretary considered it expedient that an investigation of the various tuberculosis hospitals in the state be made, including the state tuberculosis sanatorium and the district and county and municipal tuberculosis hospitals, and recommended such investigation and that a report of the findings be furnished.

Another bill passed by the last general assembly, closely related to the work of this department was that providing for the registration and

licensing of nurses by the State Medical Board. A nurse's examining committee, appointed by and under the direction of that board will examine applicants for certificates in nursing, in anatomy, physiology, obstetrics, bacteriology, hygiene, materia medica, dietetics, practical nursing and other subjects the board and committee may require. A penalty is provided for any person who poses as a registered nurse without a license. The bill permits any one to nurse, either with or without pay, a sick or injured person, provided he does not pose as a registered nurse.

One of the most advanced measures ever enacted in the United States was an act passed by the eighty-first general assembly for the prevention of blindness from inflammation of the eyes of the new born.

This work was placed with the State Board of Health and the sum of \$5,000 is to be appropriated annually for use in enforcing and carrying out the provisions of the act in the way of treatment, payment of fees for reports, employment of public health nurse and all necessary and legitimate expenses incurred in prosecuting a case under this act. All fines and penalties recovered are to be paid into the state treasury and constitute a fund by the State Board of Health in this work.

The department was especially interested in securing necessary authority to make comprehensive studies concerning the flow of the various streams in the state. Many problems relating to public water supply and methods of disposal of sewage and other liquid wastes were being presented to the board for consideration and information which such a study would develop would be of great value in the consideration of these problems. The legislature, however, failed to give the subject consideration.

At the March meeting of the State Board of Health a committee was appointed to find out what action, if any, the board could take to remedy the insanitary conditions of the Cooper and Dayton hydraulics and the Miami and Erie Canal in the city of Dayton. Dr. Howell, the chairman of this committee, called a meeting at the Algonquin Hotel, Dayton, on April 23d, which was attended by Drs. Howell, Brown and Grube, the secretary and chief engineer, and by Mr. H. M. Waite, city manager, members of the city commission, the secretary and representatives of the Greater Dayton Association and other representative citizens.

It was the consensus of opinion of those present that the Miami and Erie Canal, the Cooper Hydraulic Canal and the Dayton Hydraulic Canal were in an exceedingly insanitary condition and detrimental to the health and comfort of the citizens of Dayton. The opinion was generally expressed that these waterways should be abandoned. This, however, would require special legislation which was deemed impossible to accomplish at that session of the general assembly. It was realized, however, that the canals should be properly cleaned to improve their sanitary

condition, and a committee, consisting of H. M. Waite, city manager; J. M. Guild, secretary of the Greater Dayton Association, and Dr. E. O. Smith, was appointed to confer with the superintendent of public works and the finance committee of the House of Representatives, and secure, if possible, an appropriation to be expended by the superintendent of public works in improving the sanitary condition of the canals of the state, particularly those within the city of Dayton.

On April 24th the secretary and chief engineer and two members of the committee on this work, Mr. Waite and Mr. Guild, appeared before the finance committee of the House of Representatives and urged the appropriation of sufficient funds to carry out the necessary work. Later the superintendent of public works took the matter up with the finance committee, but that committee failed to take any action in the matter.

SANITARY SURVEY.

At the last meeting of State and Provincial Boards of Health of North America, the president of the organization suggested that each state and province make a survey of a county unit in its respective state, to include a complete and detailed sanitary survey, covering all phases of public health work in the county. Such a survey was carefully planned by L. H. Van Buskirk, assistant engineer, and conducted in Stark county, which, considering all things, was found to be a representative county of the state. This plan was sent to all members of the Conference of State and Provincial Boards of Health of North America.

The survey included a study of public health administration in rural and urban communities, school sanitation, factory inspection, including heating, lighting, ventilation, plumbing, water supply and kindred subjects relative to public health work were considered. The public water supplies of municipalities as well as methods of collection of sewage and sewage treatment, and the collection and disposal of municipal refuse were emphasized. It was thought that such a survey would give a decided impetus to improvements along sanitary lines not only in Stark county, but the other counties throughout the state.

On April 19th, one of the engineers, the epidemiologist, plumbing inspector and director of the Division of Occupational Diseases started the investigation. Sixty-seven schools, or a total of ninety-one rooms, accommodating 3,965 children, were inspected. Much interesting information was secured. The absence of wells upon school grounds was striking; the heating and lighting was poor in the majority of the schools, and many were overcrowded. Little attention was being paid to sanitation, with wastes from sinks discharged beneath buildings, and privies in many instances in a deplorable condition.

During the week of May 10-15, 1915, one hundred and fifteen rural school rooms, and 5,780 children, were visited. It was found that several

townships in the county were quite progressive and the rural schools given some consideration, while others had neglected the rural schools almost entirely. In many instances the buildings visited were old, very poorly lighted, heated and ventilated, and the sanitary conveniences undesirable. Some of the schools were not provided with a water supply, and it was necessary to carry the water from wells located quite a distance from the school, and quite frequently the water was only carried every other day.

On June 15th and 16th, the assistant secretary, the director of the Division of Public Health Education and Tuberculosis and one of the engineers continued the survey, visiting the county infirmary, district tuberculosis hospital at Springfield Lake, the Fairmount Children's Home, and ten representative country homes. Information was secured concerning the character of the inhabitants, their occupation, housing conditions and the condition of barns, outbuildings, source of water supply and methods of disposal of sewage and table refuse. Samples of water were collected for examination from a number of dug wells, although most of the wells are drilled. All but one of the homes inspected had outside closets. One country home had a water supply and a sewer leading to a leaching cesspool.

The summer vacation being near at hand the inspection of the schools in Alliance, Massillon and Canton, as well as a few parochial schools and Mt. Union College, was necessarily delayed until the fall term opens, when the survey will be continued.

REPORT OF THE OHIO BOARD OF STATE CHARITIES

In conformity with Senate Bill No. 158, passed May 27, 1915, there is herewith submitted the required report of the Board of State Charities for the period ending June 30, 1915.

When this board was created the original purpose was that it serve largely as an investigating and advisory body over the various state, county and municipal benevolent and correctional institutions. In previous reports there has been set forth considerable detailed description of these institutions, as well as statistics concerning expenditures and inmates.

Recently certain functions of an administrative character have been added to this board.

In 1910 the Gusweiler act vested in this board the authority to determine the ability of relatives and guardians to pay for the support of patients in certain state institutions. The following year this act was amended so as to require the collections for this support to be made to this board. In 1913 the pay-patient law was further amended so as to include the Institution for Feeble-Minded. This act further provided that where persons did not pay for the support of inmates in that institution, the county from which the inmate was received shall be held liable.

During the session of the general assembly of 1915 an act was passed which will relieve this board from the collection for the support of patients by the introduction of a system of certification of accounts to the treasurer of state. While this new feature will relieve the board of the responsibility of handling and accounting for these payments, the amount of clerical work in connection therewith will not be materially reduced.

Another amendment passed at the same session provides that the Ohio State Sanatorium be added to the institutions whose patients will be subject to the same jurisdiction of this board in the matter of determination of ability to pay for support as in the case of the hospitals for the insane. It is expected this additional work can be handled without any increase of the working force.

Two members of the board constitute the support committee. They meet frequently to review such cases as involve some doubt as to the proper action to be taken.

Since 1910, this board through its agents has investigated 29,703 cases. The number of new cases per year averages about 3,500. From August 15, 1910, to June 30, 1915, there has been received for the support of patients the amount of \$1,120,388.24. The amount received from November 15, 1914, to June 30, 1915, is \$288,480.37.

No effort is being made in this report to submit any statistics concerning state and county institutions. It is understood that complete statistics concerning state institutions will be furnished by the boards having management of them.

The period covered by this report begins after the close of the fiscal year of county institutions and closes before the end of such year. It, therefore, seems impracticable either to repeat the former publication of such statistics or to attempt to include any statements concerning them for the county fiscal year not yet completed on June 30, 1915.

The Ohio Bulletin of Charities and Correction for June, 1915, is largely devoted to the publication of statistics concerning children's homes, county infirmaries, county jails, poor relief, blind relief and state institutions. It is expected that a similar bulletin will be published in 1916, which will contain complete data concerning the same institutions and activities for the succeeding year.

In 1913 the general assembly added another administrative feature to the Board of State Charities, in that all institutions and agencies receiving and caring for children are subject to annual certification by this board, and also to definite supervision as set forth in that act.

The edition of the Ohio Bulletin of Charities and Correction for August, 1915, is devoted to an extended report of what is known as the Children's Welfare Department of this board, which is under the supervision of three members of the board, constituting a children's welfare committee. This special report shows specific activities of this department relative to certification of institutions and agencies, visitation of children in foster homes who are wards of such institutions, and the disposition of dependent children committed to the board by juvenile courts.

Copies of the bulletin for June, 1915, and for August, 1915, may be secured upon application to the office of this board.

The Children's Welfare Department was begun with a small force of workers, thus permitting a careful study of the problem before it without being burdened with a large amount of administrative detail and supervision over field workers. It soon became evident that there was need for a larger working force. The situation was clearly set before the proper committees of the general assembly and a generous response has been made by increased appropriations which will permit the employment of more workers for the purpose of making a thorough investigation of the character of the work of all institutions which place children in foster homes. A limited study of a few institutions has clearly shown an opportunity for this board to develop a high-class system of a care for children in foster homes. The numerous public and private institutions of this state afford abundant means for service. The responsibility of this board seems to be to cause all responsible officials to realize their obligations and duties, as well as opportunities, for service adequate and proficient

for homeless children. It has been publicly stated by some uninformed persons that it is the policy of the Board of State Charities to gradually break down the system which has developed in this state; that is, to abolish county and private institutions for children. This public criticism is not in accord with the policies of the Board of State Charities as constituted at present. Its purpose is that the existing system be fully utilized and strengthened and made as highly proficient as possible.

The board has held its customary quarterly meetings, at which time the work of the various departments have been reviewed and proper action taken for guidance of future activities.

REPORT OF THE STATE LIBRARY TRUSTEES

Formerly the librarian reported annually, not only additions to the library, but the total number of volumes at the end of each year. Recently these statistics have been omitted, and there is no reliable estimate at hand of the number of volumes now in the different departments. There has been no inventory of the books or other property of the library since the change in the head of this department, April 1st of the current year. Statements in regard to the property of the library, including the number of volumes on the shelves must therefore be postponed for a future report.

In the general library department there have been accessioned since the last report one thousand two hundred and twenty-two (1,222) volumes. Twenty-three thousand one hundred and eleven (23,111) volumes have been issued for the use of patrons and thirty-four thousand five hundred and forty-nine (34,549) volumes have been used for reference purposes in the library. Of the 23,111 volumes issued many were mailed to patrons in different parts of the state.

Following is a summary of the work done by the traveling library department:

Number of libraries distributed	478
Number of volumes in these libraries.....	24,365

These libraries were distributed as follows:

Colleges and normal schools	10
Granges	21
Public libraries	37
Men's clubs	5
Miscellaneous organizations	54
Religious organizations	73
Schools	255
Women's clubs	23
Total	478

The legislative reference department was very active prior to and during the session of the general assembly. Assistance was given in the preparation of over three hundred bills, including some of the most important that were considered. The gathering of material for use of the members of the general assembly, state officials and others interested in the work of this department has been kept up-to-date, and arrangements

have been made to publish in pamphlet form the Ohio laws on the following subjects: Roads, Civil Service, Legal Advertising, Agricultural and Public Works.

WORK OF THE DIFFERENT DEPARTMENTS UNDER THE BOARD OF LIBRARY COMMISSIONERS.

Following is a summary of the work undertaken by the different departments under the administration of the Board of Library Commissioners:

GENERAL DEPARTMENT.

The general department of the Ohio State Library contains valuable reference works, rare books, government documents and a general collection on a wide variety of subjects. It is strongest in history and the related branches, biography and travel. It contains also many books on political and social science, education, literature and agriculture. It includes thousands of volumes of magazines and the best collection of Ohio newspaper files to be found in any library.

Books are loaned from this department to citizens of the state who become patrons and file their requests in accordance with the rules and regulations. When books are sent by mail or express, the patron must pay the transportation both ways.

TRAVELING LIBRARY DEPARTMENT.

A traveling library is a collection, usually of from twenty to forty books, sent out by the state library to a reading club, an association of citizens, a board of education or a public library, to be kept for a period not to exceed eight months.

No charge is made for the use of books in this department. Those borrowing traveling libraries pay transportation both ways.

LEGISLATIVE REFERENCE DEPARTMENT.

This department was organized principally to assist the general assembly and other officers and employes of the state government.

In short, the comprehensive duty of this department is to furnish information to those requesting it in regard to all the departments of the state government. In these times when citizens, at the ballot box, are expected to participate actively, not only in the choice of public officials, but also in the enactment of laws and the amendment of the constitution, a knowledge of state affairs is increasingly important, and their study

becomes a civic duty. Those interested in the state government of Ohio or important questions affecting other states and the national government should communicate with this department.

It is the desire of those in charge of this department to popularize its work and bring it into closer touch with the people as well as officials. They now have in course of preparation the recently enacted laws on civil service, roads and agriculture. These they hope soon to publish with indexes and introductory matter of general interest.

CO-OPERATION.

Each of the departments briefly described in this report has its distinct work. All are related, however, and it is the purpose of the Board of Library Commissioners to bring them into closer co-operation. A request for assistance from any one department may command the combined service of all.

FINANCIAL STATEMENT.

	Balance Nov. 15, 1914.	Appropriation.	Expenditures.	Balance June 30, 1915.
Personal service	\$8,716 00	\$5,920 00	\$9,506 85	\$5,129 15
Maintenance	1,685 10	1,338 00	1,649 75	1,373 35
Library assistants	01			01
Assistant Secretary	30 00			30 00
Janitor	12 50			12 50
Books and papers	2,954 33		1,386 34	1,567 99
Contingent expenses	113 87		4 50	109 37
Travelling library	4,085 18		4,072 67	12 51
Expenses of Commission	12 75			12 75
Library organization	63 60			63 60
Carpets, furniture, etc.	106 96			106 96
Travelling and organization departments	13,502 00		4,104 98	9,397 02
Rent and expenses, etc.	843 99		734 35	109 64
Library Organizer.				
Personal service		832 50	702 50	130 00
Maintenance		684 50	272 58	411 42
Travelling Library.				
Personal service		1,935 00	1,912 50	22 50
Maintenance		2,039 35	966 52	1,072 83
Totals	\$32,126 29	\$12,748 85	\$25,313 54	\$19,561 60

The foregoing financial statement covers the period of transition from "lump sum" appropriations to detailed appropriations, and therefore conveys but little information of a specific character. The balances are covered in part by obligations not yet paid.

REPORT OF THE STATE MEDICAL BOARD

This report shows that during this period two regular meetings, a special meeting and one examination were held.

Thirty-one physicians and surgeons, five osteopaths and eighteen midwives were registered as a result of examination, and one physician and five midwives were rejected.

Twenty-five certificates, without examination, were issued to physicians and surgeons coming from other states with which Ohio reciprocates. One such applicant was rejected. Sixty-four certificates of preliminary education were issued to students either desiring to study medicine or to become licensed through reciprocity.

Since the law was enacted in 1896, 13,919 certificates have been issued to physicians and surgeons; 268 to osteopaths and 564 to midwives; 708 applications to practice medicine and surgery have been rejected; 53 have been revoked and seven reinstated.

During the period covered by this report eight applications for revocation were considered and three certificates revoked; four applications for reinstatement were considered, none granted.

Twenty prosecutions were instituted, resulting in nine convictions, one acquittal, two dismissals and three failures to indict. Five are pending.

The receipts for this period were \$6,147.00; disbursements \$7,088.91, balance \$12,085.24.

There are now in the United States and Canada about ninety-five medical colleges or universities. Of these only sixty-four now receive recognition by the Ohio board. In this list the following are located in Ohio:

Eclectic Medical College, Cincinnati.

Ohio State University, College of Medicine, Columbus.

Ohio State University, College of Homeopathic Medicine, Columbus.

University of Cincinnati, College of Medicine, Cincinnati.

Western Reserve University, Cleveland.

STATISTICS.

CERTIFICATES ISSUED AND APPLICATIONS REJECTED FROM JANUARY 1, 1915, TO JUNE 30, 1915.

1. For Graduates in Medicine and Surgery on Examination—	
January 5, 1915	31
2. For Graduates in Medicine and Surgery Under Reciprocity provisions—	
January 5, 1915	10
April 6, 1915	15
Total	25

STATISTICS—Concluded.

3. For Osteopaths on Examination—	
January 5, 1915	5
4. For Osteopaths Under Reciprocity Provisions	0
5. For Midwives on Examination—	
January 5, 1915	18
Applications Rejected—	
1. Graduates on Examination—	
January 5, 1915	1
2. Graduates under reciprocity provisions	1
3. Osteopaths on examination	0
4. Osteopaths under reciprocity provisions	0
5. Midwives on examination	5
Certificates revoked—	
January 5, 1915.....	Edgar C. Skinner, Cleveland.
January 5, 1915.....	Albert G. Henry, North Baltimore.
February 9, 1915.....	Lewis F. Preston, Cincinnati.
Reinstated	0

SUMMARY.

Total Number of Certificates Issued Since Passage of the Law—	
To graduates without examination	10,324
To graduates without examination on reciprocity	54
To legal practitioners	713
One year certificates on examination	15
To graduates on examination	2,340
To graduates on reciprocity, after examination	473
Total	13,919
Total Number of Osteopathic Certificates Issued Since the Passage of the Law—	
To graduates without examination	122
To graduates on examination	116
To graduates without examination on reciprocity	30
Total	268
Total Number of Midwives' Certificates Issued Since the Passage of the Law—	
By probate judges	290
By examination	274
Total	564
Rejections—	
Graduates	227
Legal practitioners	227
Examination	193
Reciprocity	61
Total	708
Certificates revoked	53
Certificates reinstated	7

STATES WITH WHICH OHIO RECIPROCATES.

MEDICAL LICENSURE.

Ohio reciprocates with the following states upon registration after examination only:

New York, New Jersey, Illinois, Texas, Louisiana, Pennsylvania and Utah.

With the following states reciprocity obtains upon the basis of registration by diploma* as well as by examination:

Arkansas, California, Colorado, District of Columbia, Delaware, Indiana, Iowa, Kansas, Kentucky, Maine, Maryland, Michigan, Minnesota, Missouri, Nebraska, Vermont, West Virginia, Wisconsin, Wyoming.

OSTEOPATHIC LICENSURE.

Ohio reciprocates with the following states in osteopathic licensure: Indiana, New Jersey, Texas and West Virginia.

REPORT OF EXAMINER IN PRELIMINARY EDUCATION FOR THE PERIOD
BEGINNING JANUARY 1, 1915, AND ENDING JUNE 30, 1915.

Certificates Issued ----- 64

REPORT OF RECEIPTS AND DISBURSEMENTS.

Balance, January 1, 1915	\$13,027 15
Receipts, January 1 to June 30, 1915	6,147 00
Total	\$19,174 15
Disbursements, January 1 to June 30, 1915	7,088 91
Balance, June 30, 1915	\$12,085 24

*Only those registered prior to July 1, 1900, are eligible to make application upon this basis.

REPORT OF THE STATE BOARD OF PHARMACY

The statements following show the transactions of this department of the state from January 1, 1915, to June 30, 1915, inclusive:

DETAILED STATEMENT OF EXAMINATION.

	Number of Applicants.	Satis- factory.	Rejected.	Granted Asst. Ctfa. of Phar. Examination	Absent.
Pharmacist -----	56	35	12	8	1
January—					
Asst. Phar. -----	27	19	8		
Pharmacist -----	70	41	16	13	
April—					
Asst. Phar. -----	34	23	11		
Pharmacist -----	147				1
June—					
Asst. Phar. -----	53				
Total -----	387	118	47	21	2

Percentage of pharmacists successful -----	60
Percentage of assistant pharmacists successful -----	68
Number pharmacists registered by reciprocity -----	10
Number of assistant pharmacists registered by reciprocity -----	3

NUMBER OF CERTIFICATES IN FORCE JUNE 30, 1915.

Pharmacists by examination -----	3,260
Pharmacists by law -----	668
Pharmacists by reciprocity -----	88
Total number pharmacists -----	4,016

Assistant Pharmacists by examination -----	463
Assistant Pharmacists by law -----	66
Assistant Pharmacists by reciprocity -----	25
Total number assistants -----	554

Total number registered, both grades -----	4,570
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RECEIPTS FROM JANUARY 1 TO FEBRUARY 15, 1915, INC.

Pharmacist renewal fees	\$430 00
Assistant pharmacist renewal fees	15 00
Pharmacist examination fees	540 00
Assistant pharmacist examination fees	135 00
Certifying examination grades	19 25
Duplicate certificate fees	4 00
Total	\$1,143 25
Balance in state treasury, January 1, 1915	2,785 14
Total	\$3,928 39

EXPENDITURES FROM JANUARY 1 TO FEBRUARY 15, 1915, INC.

Members of board, per diem	\$520 00
Members of board, expenses	244 40
Salary of secretary	225 00
Postage	50 00
Office supplies	15 65
Communication	19 80
Rent, A. I. U. Temple	30 00
Janitor services	2 00
Expressage	1 00
Total	\$1,107 85

Balance in state treasury, January 1, 1915.....	\$2,785 14
Receipts from 1-1-15 to 2-15-15, inclusive.....	1,143 25

Total receipts and balances	\$3,928 39
Expenditures from 1-1-15 to 2-15-15, inclusive.....	1,107 85

Balance in state treasury, February 15, 1915	\$2,820 54
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APPROPRIATION FOR PERIOD OF FOUR AND ONE-HALF MONTHS FROM
FEBRUARY 16, 1915, TO JUNE 30, 1915, INC.

Personal Service—	
Salaries	\$675 00
Wages	750 00
Maintenance—	
Office supplies	225 00
Transportation	520 00
Communication	30 00
Rent	40 00
Total	\$2,240 00

Ten dollars was transferred from classification rent, to communication.
 Five dollars was transferred from classification transportation, to communication.
 Thirty-five dollars was transferred from classification transportation, to office supplies.

RECEIPTS FROM FEBRUARY 16 TO JUNE 30, 1915, INC.

Pharmacist renewal fees	\$940 00
Assistant pharmacist renewal fees	52 00
Pharmacist examination fees	2,160 00
Assistant pharmacist examination fees	435 00
Pharmacist reciprocity fees	150 00
Assistant pharmacist reciprocity fees	30 00
Lapsed certificate fees	50 00
Certifying examination grades	66 25
Duplicate certificate fees	1 00
Total	\$3,884 25

EXPENDITURES FROM FEBRUARY 16 TO JUNE 30, 1915, INC.

Members of board, per diem	\$735 00
Members of board, expenses	369 10
Salary of secretary	675 00
Office supplies	256 74
Communication	41 35
Rent, A. I. U. Temple	30 00
Total	\$2,107 19

The following amounts in the following appropriations were unexpended and lapsed into the state treasury, July 1, 1915:

Personal Service—	
Wages	\$15 00
Maintenance—	
Office supplies	3 26
Transportation	110 90
Communication	3 65
Total	\$132 81

REPORT OF THE OHIO STATE DENTAL BOARD

REPORT OF MEETINGS.

The following meetings were held by the board: Cincinnati, April 26, 27 and 28; Cleveland, May 6 and 7; Columbus, May 10, 11 and 12; Cleveland, June 1, 2 and 3; Columbus, June 14, 15, 16, 17, 18 and 19.

One hundred and twenty-seven applicants were examined in theory and one hundred and twenty-eight in practical.

FINANCIAL REPORT.

RECEIPTS.

1915.

Jan.	1.	General fund credit balance	\$2,118 66
Feb.	1.	Credit from short budget	2,635 00
		Fees for examinations	3,375 00
		Fees for duplicate licenses	20 00
		Fees for endorsements.....	10 00

REVENUE VOUCHERS.

1915.

Jan.	4.	Voucher No. 1	\$2,118 66
May	3.	Voucher No. 2	145 00
May	23.	Voucher No. 3	1,950 00

DISBURSEMENTS.

Total amount paid out	\$2,410 24
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REPORT OF THE STATE BOARD OF EMBALMING EXAMINERS

RECEIPTS.

From renewal fees at \$1.00	\$1,705 00
From examination fees at \$5.00	545 00
From reciprocal fees at \$10.00	60 00
From duplicate license fees at \$2.50	5 00
Total	<u>\$2,315 00</u>

DISBURSEMENTS.

For W. F. Cary, Pres., per diem and mileage	\$240 40
For H. H. Shaw, per diem	160 00
For Capt. Geo. Billow, Sec'y, Salary, office rent, etc.	1,000 00
For Capt. Geo. Billow, Sec'y, mileage and incidental expenses	258 52
For office supplies	101 71
For printing	48 13
For cadavers	50 00
Total	<u>\$1,858 76</u>

REPORT OF THE OHIO STATE ARCHAEOLOGICAL AND HISTORICAL SOCIETY

This society was organized and incorporated in March, 1885. Hon. Allen G. Thurman was the first president. The purpose of the society was the promotion of knowledge of the archæology and history of Ohio, by the exploration and study of the works of the Mound Builders; the gathering of historical material and the preservation and publication thereof, and the establishment of a library and museum.

The society has no capital stock, and is maintained by legislative appropriation. It is governed by a board of fifteen trustees, six of whom are appointed by the governor and nine of whom are elected by the members of the society. The board of trustees elect the officers of the society—a president, two vice-presidents, a treasurer, a secretary, a curator and other subordinate officials.

For thirty years the society has pursued the lines of its work. It has accumulated a collection of one hundred and fifty thousand artifacts and relics of the Mound Builders and antiquities of the Indians. Its library consists of some twelve thousand volumes, pertaining to Ohio and western archæology and history. The library and museum are housed in the splendid building erected by the legislative appropriation of \$100,000, which building is located on the Ohio State University campus, corner of High street and Fifteenth avenue, Columbus.

The society is the owner of the Big Bottom Park, on the Muskingum River near the village of Stockport; the site, marked by suitable monument, is that of the pioneer block-house in which occurred the massacre of January 2, 1791; it is the owner of the Logan Elm Park, near Circleville, on which stands the Logan elm, under the branches of which (according to tradition) the Mingo chief, Logan, delivered his famous oration in 1774.

The society is also the possessor of the famous Serpent Mound, in Adams county, one of the most remarkable earthen monuments left by the Mound Builders in the United States; it is the custodian of Fort Ancient (owned by the state) in Warren county, the largest and best preserved and most interesting relic of its character not only in this country, but perhaps in the world; it is also the custodian of Spiegel Grove Park, the magnificent home at Fremont, Ohio, of former President Rutherford B. Hayes. This property, consisting of twenty-five acres, was donated to the state by Col. Webb C. Hayes. The society at a cost of \$45,000, appropriated by the general assembly, has erected on the property a magnificent memorial museum and library building. In it are housed the library and valuable historical collections of President Hayes and

Col. Webb C. Hayes. Col. Webb Hayes has added to his gift the sum of \$50,000 as a permanent fund, the income of which is to be used for the increase of the historical library.

The society has issued several special volumes on archæological and historical subjects, and twenty-four annual volumes, containing articles descriptive of the work of the society, articles on archæological and historical subjects. It should be noted, however, that the publications of the society are not for free distribution, as are the reports of many of the state departments.

During the period covered by this report the society was occupied in getting out its twenty-third and twenty-fourth volumes of archæological and historical proceedings, and in the completion and furnishing of its museum and library buildings at Fremont and Columbus.

For specific reports of the proceedings of the society as to its work, receipts and expenses, reference should be made to the annual volumes.

RECEIPTS AND DISBURSEMENTS.

Received from all sources from Nov. 15, 1914, to June 30, 1915	\$23,050 15
Disbursements for same period	\$23,097 48

REPORT OF THE DEPARTMENT OF GEOLOGICAL SURVEY OF OHIO

PUBLICATIONS.

One bulletin was issued within the period covered by this report. It is entitled "Building Stones of Ohio," and is No. 18 of the fourth series. Although the building stone industry has long been of importance in Ohio, there has never been, heretofore, an adequate presentation of that resource and the industry founded on it.

FIELD WORK COMPLETED BUT WORK UNPUBLISHED.

Professor N. M. Fenneman, of the University of Cincinnati, has ready for the printer a bulletin treating of the geology of Cincinnati and vicinity. This presents the subject in popular form and is desired for use in public schools. Boys and girls are likely to think that the geology near their homes has little interest and value. This has resulted from illustrations and descriptions in text books being taken largely from distant places. Manifestly teachers and students should know the salient facts of the geology near their homes, and this bulletin will certainly aid in accomplishing that purpose.

Professor J. E. Hyde, of Adelbert College, who completed last year the field work for a bulletin on the Mississippian formations of southern Ohio, is still engaged on the manuscript, and it will not be ready for the printer for some months.

Likewise Professor George D. Hubbard, of Oberlin College, has finished work in the field for a bulletin on the physiography of Ohio, but the manuscript is not yet ready for the printer. This work should be of marked service in the public schools.

Professor Frank Carney, of Denison University has completed the field work in a study of the physiography of the shore line of Lake Erie, and while a large part of his manuscript is now in my possession, it is not complete. The remaining chapters, however, are expected at an early day.

FIELD WORK IN PROGRESS.

Mr. Wilber Stout, who has been investigating the geology of southern Ohio resumed his work last spring. Emphasis has been placed on the resources of that area, and the publication should be of real value to that part of our state.

Professor C. S. Prosser resumed field work June 15, and was assisted by Mr. K. C. Cottingham, who served at no other expense to the state

than his traveling expenses. In like manner Dr. C. R. Stauffer, assisted by C. R. Schroyer, began his summer's work on the Dunkard formation of southeastern Ohio.

Professor C. W. Foulk, assisted by Carl R. DeLong, continued, within the period covered by this report, his investigations of the water resources of Ohio for manufacturing purposes.

REPORT OF THE DEPARTMENT OF ADJUTANT GENERAL

On June 30, 1915, there were eight regiments and one Battalion of Infantry, one Battalion of Field Artillery, one Squadron, Cavalry, one Battalion, Signal Corps, one Battalion, Engineers, and the Sanitary Troops.

During this period of time the Seventh Ohio Infantry, having recruited sufficient companies to take the place of those mustered out by order of the War Department, was mustered in as such.

The medical units of the several regiments and separate battalions were organized and placed on duty, making these organizations complete as to detail.

Seven machine gun companies were organized in connection with as many regiments placing Ohio at the top of the list as to the number in these particular units.

The actual strength of the Guard January 15, 1915, was 487 officers and 6,215 enlisted men, making a total of 6,702 officers and men.

During the early part of the year there was considerable unrest in Southeastern Ohio, owing to the coal miners' strike, but by careful handling of the situations arising therefrom, it was unnecessary at any time to use troops in the strike district.

Incident to the coal miners' strike in Southeastern Ohio, there was a great deal of suffering among the strikers' families. The relief of the starving people was taken care of by this department, at which time supplies to the amount of \$13,142.54 were distributed. The full report thereon will be embodied in a future report. Many special and general orders, circulars and bulletins were issued, copies of which can be found in the files of this department.

REPORT OF THE OHIO STATE ARMORY BOARD

The work of the board during the period ending June 30, 1915, included the completion of armories under construction, and the letting of contracts for the number of armories which could be built from the funds set apart for the purpose, and which were reappropriated from funds withheld during year 1913. One armory was contracted during the period between February 15, 1915, and July 1, 1915, namely: Delaware, for which the legislature set aside \$20,000.00.

ARMORIES.

The Galion Armory was finally inspected and accepted December 23, 1914, and has since been occupied by Co. "L," Eighth Ohio Infantry. The Wm. T. Sherman Memorial Armory, at Lancaster, Ohio, was finally inspected and accepted on June 26, 1915, and is now occupied by Co. "L," Fourth Ohio Infantry, and the Fairfield County Historical and Archæological Society for the Sherman memorial feature for the display of various relics pertaining to the late General Wm. T. Sherman. The Hillsboro, Defiance, Oak Harbor and Marietta Armories are in course of construction.

ARMORIES BEGUN DURING THIS PERIOD.

ATHENS ARMORY: The Athens (Ohio) Armory contract was let to Knowlton & Bremig on February 27, 1915.

COVINGTON ARMORY: Bids were opened on January 23, 1915, for this armory to be built according to plans and specifications which had received the approval of the state inspector of workshops, factories and public buildings. The lowest bidder proved to be a partnership consisting of Kimes-Omlor-Lawrence-Hess, of Fostoria, Ohio, who have since contracted to build the building at their bid of \$17,911.30.

SPENCERVILLE ARMORY: Bids were opened on April 3, 1915, for this armory to be built according to plans and specifications which had received the approval of the state inspector of workshops, factories and public buildings. The lowest bidder proved to be a partnership of J. H. & P. W. Seriff, of Lima, Ohio, who have since contracted to build the building at their bid of \$16,950.00.

DELAWARE ARMORY: Bids were opened on May 25, 1915, for this armory to be built according to plans and specifications which had received the approval of the state inspector of workshops, factories and

public buildings. The lowest bidder proved to be M. Gallup, of Defiance, Ohio, who has since contracted to build the building at his bid of \$17,966.49.

PIQUA ARMORY: On December 23, 1914, the board considered the Orr, Felt & Blankt Co.; site and approved same for a one company armory. On January 26, 1915, the board authorized the architect to prepare plans for a one company armory after the title of the site had been approved by the attorney general.

CINCINNATI TROOP "C" ARMORY: The board, after purchasing the Cincinnati Riding Academy on the corner of Helen and Burnett streets, Cincinnati, Ohio, found that it was necessary to provide squad rooms, a few structural changes, such as stairs, etc., and a new roof on this building. Same has not yet been let.

ADDITIONAL WORK OF ARCHITECT: The board's architect has been working under the direction of the adjutant general in taking care of all work in conjunction with the adjutant general's duties as to the state house and grounds.

GENERAL ARMORY PLANS: Each armory is designed to meet the requirements of the particular site, and is also modified to suit local conditions concerning the local grand armory post. Contracts are let for building complete, but some items are necessarily withheld for the reason that the board can buy the different materials more cheaply than the general contractor. The maple floors are withheld from the general contractor for the reason that if same are laid by the general contractor in a hurry, and when the walls are not sufficiently dry, the floors become warped and out of shape and are neither good to drill upon, nor fit for the purposes for which they are installed.

It is necessary to supply lighting fixtures and lights and do the grading and furnish cement walks and some other work that cannot be included in the general contract, separately, and to supply meters for the electric fixtures and water meters for the plumbing. These features are supplied in every case where the funds make it possible to do so.

EXPENDITURES.

All armories leased for the state are managed by the local Company Council of Administration. All armories built by the state are controlled by the three company officers at each station, who constitute a local board of control. The commanding officer of each organization occupying a leased armory receives a definite sum from the adjutant general, and this money is used for rent, maintenance, etc. While these sums come from Armory Fund, they are not vouchered for directly by the State Armory Board. The accounting for these expenses is made by the Company

Treasurer's report, and the Commanding Officer's receipts which are and checked, on the 30th day of September of each year, and are kept in filed, and checked, on the 30th day of September of each year, and are kept in the Adjutant General's department. The leases for the armories are made by the Armory Board, but the proper administration of military affairs requires that the commanding officer maintain the entire control, save in exceptional cases.

The expenses incurred directly by the State Armory Board during the period covered by this report, include sums for construction, maintenance and repair of state armories, and such sums as were allowed for minor alterations.

REPORT OF THE OHIO STATE BOARD OF PARDONS

There were held during this period five meetings as follows: December 3, 1914; January 14, 1915; March 4, 1915; April 15, 1915, and June 3, 1915.

One hundred and ninety-three cases were reviewed, forty-seven of which were recommended for executive clemency and one hundred and forty-six of which were rejected.

The following is a detailed statement of the expenditures of the board during the above period:

Feb. 15, 1915—George Ewing	\$237 50
Feb. 15, 1915, Phillip Roettinger	237 50
Feb. 15, 1915, J. D. Knowles	237 50
Feb. 15, 1915, N. W. Wright	237 50
May 15, 1915, George Ewing	237 50
May 15, 1915, Phillip Roettinger	237 50
May 15, 1915, J. D. Knowles	237 50
May 15, 1915, N. W. Wright	237 50
June 3, 1915, George Ewing	47 50
June 3, 1915, Phillip Roettinger	47 50
	\$1,995 00

REPORT OF THE COMMISSIONER OF SOLDIERS' CLAIMS

The tabulations and statements following show the transactions of this department from November 15, 1914, to July 1, 1915:

CLAIMS GRANTED.

SOLDIERS.			
No.	Rate.	Amt. for Month.	Amt. for Year.
2 -----	\$6 00	\$12 00	\$144 00
1 -----	10 00	10 00	120 00
4 -----	12 00	28 00	576 00
1 -----	13 00	13 00	156 00
1 -----	14 00	14 00	168 00
4 -----	15 00	60 00	720 00
3 -----	15 50	46 50	558 00
3 -----	16 00	48 00	576 00
5 -----	16 50	82 50	990 00
1 -----	17 00	17 00	204 00
17 -----	18 00	306 00	3,672 00
5 -----	19 00	95 00	1,140 00
10 -----	20 00	200 00	2,400 00
22 -----	21 00	462 00	5,544 00
17 -----	21 50	365 50	4,386 00
9 -----	22 50	202 50	2,430 00
4 -----	23 00	92 00	1,104 00
26 -----	24 00	624 00	7,488 00
19 -----	27 00	513 00	6,156 00
59 -----	30 00	1,770 00	21,240 00
1 -----	46 00	46 00	552 00
214 -----	-----	\$5,027 00	\$60,324 00

WIDOWS.

No.	Rate.	Amt. for Month.	Amt. for Year.
67 -----	\$12 00	\$805 00	\$9,648 00

RESTORATION.

No.	Rate.	Amt. for Month.	Amt. for Year.
1 -----	\$12 00	\$12 00	\$144 00
Total -----	-----	-----	\$9,792 00

DEPENDENT FATHER.

No.	Rate.	Amt. for Month.	Amt. for Year.
1 -----	\$12 00	\$12 00	\$144 00

TOTAL.

	No.	Rate.	Month.
Soldiers'	214		\$60,324 00
Widows'	67	\$12 00	9,648 00
Restoration	1	12 00	144 00
Dependent Father	1	12 00	144 00
Total	283		\$70,260 00

CLAIMS FILED.

SOLDIERS.	No.
Act, May 11, 1912	236
General Law	48
Total	284

WIDOWS.	No.
Act, April 19, 1908	80
General Law	3
	83

MISCELLANEOUS.	No.
Certificate of Honorable Service	4
Reimbursements	19
Act, March 3, 1899	7
Accrued	6
New Pension Certificates	26
Minor Original, New Law	31
Arrears of Pay	2
Appeals	2
Restoration	1
Soldiers' Home	12
Markers	6
	116
Total	483

SQUIRREL HUNTERS.

Paid 80 "Squirrel Hunters," \$13.00, total \$1,040 00.

REPORT OF THE OHIO STATE BOARD OF ACCOUNTANCY

Balance on hand November 15, 1914.....	\$71 54
Receipts for period from examination fees.....	50 00
	\$121 54

DISBURSEMENTS.

Office expenses	\$54 30
Traveling expenses	42 14
	96 44
Balance on hand	\$25 10

There were no examinations held during the period for which this report is made, therefore no official acts to be summarized.

REPORT OF FORT AMANDA MEMORIAL COMMISSION

The historic interest which attaches to Fort Amanda long ago suggested that the spot ought to be marked by a memorial in honor of the soldiers who sleep there and of the deeds done in the service of the nation. But more than a century passed before the sentiment took concrete form.

The movement, which resulted in the erection of the monument, was started in a meeting called by William Rusler, Shawnee township, and held on February 4, 1913, in Memorial Hall, Lima. The Fort Amanda Memorial Association was formed and later incorporated. Its purpose was to create sentiment for a Fort Amanda memorial. Resolutions asked the support of Governor Cox, Senator Mooney, Representative Kennedy, Allen county; Representative Holl, Auglaize county, and of all patriotic and historical societies.

The officers chosen were: President, Jacob B. Sunderland, Spencerville, son of James Sunderland, whose father was Dye Sunderland, one of the earliest settlers at Fort Amanda; Rollin R. Zurmehly, Lima, secretary, and as vice-presidents, C. W. Williamson, Wapakoneta; Daniel Harpster, West Cairo, and of Lima, Mrs. W. L. Mackenzie, Mrs. B. M. Moulton, Mrs. S. J. Derbyshire, Mrs. James Sullivan, Thomas H. Jones (deceased), the Rev. M. C. Howey, Clinton Hover and Dr. George Hall.

The executive committee was named as William Rusler, Shawnee township, chairman; Mrs D. J. Cable, Lima; Clarence Lathrop, Logan township, Auglaize county; George Feltz, Lima, and James Pillars, Lima (deceased). The incorporators of the association were Mabel Thrift Gray, A. C. Hover, Amanda J. Sullivan, the Rev. M. C. Howey and R. R. Zurmehly, all of Lima.

Governor Cox visited Lima shortly after the organization, and a delegation of the association presented to him claims upon the state for a Fort Amanda memorial. The governor was in sympathy with the project and said that if an appropriation was obtained by Senator Mooney and Representative Kennedy he would not veto the bill.

Senator Mooney and Representative Kennedy worked to such purpose that an appropriation of \$5,000 for a memorial was passed in April of 1913, and the governor was authorized to name an honorary commission of three to erect the memorial.

Governor Cox named William L. Mackenzie, Lima; Alva V. Noble, St. Marys and William Rusler, Shawnee township, Allen county. The commission organized with Noble as chairman, Mackenzie as vice chairman, and Rusler as secretary.

The commission bought of Clarence Lathrop a tract of two and one-half acres, covering the Fort Amanda site, and decided that the memorial should be in the form of a monument.

The contract was let for \$4,500, to the Allen County Mausoleum Co., Lima, but the work was executed by the Hughes Granite Co., Clyde, Ohio. The negotiations were made through Ernest C. Klink, Lima, and the accepted design was the joint work of John B. Klink and John Mork.

The committees named to have charge of the unveiling of the monument, are:

Arrangements—William Rusler, Shawnee township, chairman; Adam Schaffer, Wapakoneta; W. L. Mackenzie, Lima; Alva Noble, St. Marys and J. B. Sunderland, Spencerville.

Finance—Clint Hover, chairman; J. Boyd Douglass, Dr. A. W. Bice, Harold Cunningham and Walter Parmenter, all of Lima.

Decorations—Dr. J. H. Blattenerg, chairman; Miss Ella Mackenzie, Mrs. James Sullivan, G. L. Breese, Eva Davis and Mrs. Grace Hollister, all of Lima.

Music—Daniel Harpster, Cairo, chairman, and the Rev. M. C. Howey, E. C. Klink, Calvin Osburne and Col. A. E. Gale, Lima.

Souvenir—Grant M. Sprague, chairman; O. B. Selfridge, A. Weixelbaum, Ezekiel Owen, Lima, and Prof. C. W. Williamson, Wapakoneta.

Grounds—Lehr Miller, Lima, chairman; Clarence Lathrop, Buckland; Hubert Sunderland, Spencerville; Al. Baber, Lima, and J. L. McClure, Lima.

Privileges—R. R. Zurmehly, Lima, chairman; C. A. Graham, Lima, and Wm. Neff, Spencerville.

Reception—Judge George H. Quail, Lima, chairman; Judge F. C. Layton, Wapakoneta; Judge J. F. Lindemann, Delphos; Hon. S. D. Crites, Elida; Hon. R. R. Kennedy, Spencerville; N. W. Cunningham, Bluffton; W. L. Parmenter, Lima; Hon. M. D. Shaw, Wapakoneta; Hon. Wm. G. Brorein, Tampa, Fla.; T. A. Bowsher, Buckland, and W. B. Berryman, Lima.

The Fort Amanda Memorial Association does not consider that its work terminates with the unveiling of the monument. It plans to convert the Fort Amanda site into a park, reached by good roads, and which shall be visited by thousands, both because of the historic interest of the place and its natural beauties as a pleasure ground.

REPORT OF SUPERVISOR OF PUBLIC PRINTING

PRINTING CONTRACTS.

The commissioners of public printing awarded the contracts for printing for a period of two years, from and after the first Monday of November, 1914, to the following companies and at the prices designated:

First Contract—The F. J. Heer Printing Co., Columbus—

Composition, per 1,000 ems.	25 cents
Press work, per token.	24 cents

Second Contract—The F. J. Heer Printing Co., Columbus—

Composition, per 1,000 ems.	48 cents
Press work, per token.	48 cents

Third Contract—The F. J. Heer Printing Co., Columbus—

Composition, per 1,000 ems.	20 cents
Press work, per token.	19 cents

Fourth Contract—The Springfield Publishing Co., Springfield—

Composition, per 1,000 ems.	30 cents
Press work, per token.	25 cents

Fifth Contract—The Federal Printing Co., Columbus—

Composition, per 1,000 ems.	3 cents
Press work, per token.	3 cents

Sixth Contract—Ohio Agricultural Experiment Station, Wooster—Bulletins.

Seventh Contract—The Springfield Publishing Co., Springfield—

Composition, per 1,000 ems.	22½ cents
Press work, per token.	30 cents

CONTRACTS DEFINED.

First Contract—Bills, resolutions, etc., of the general assembly.

Second Contract—Journal of the Senate and House of Representatives.

Third Contract—All reports, communications, etc., printed in pamphlet form, except bulletins of the Ohio Agricultural Experiment Station.

Fourth Contract—General and local laws and joint resolutions.

Fifth Contract—All blanks, circulars, etc., for the executive departments, other than pamphlets.

Sixth Contract—Bulletins of Ohio Agricultural Experiment Station.

Seventh Contract—Reports of the auditor of state, commissioner of common schools, superintendent of insurance (life and fire), agricultural board of Ohio, secretary of state, public utilities commission, industrial commission of Ohio, attorney general; also tax commission and board of administration as provided in law creating same.

OHIO STATE BINDERY.

WORK DELIVERED TO DIFFERENT STATE DEPARTMENTS FROM NOVEMBER 16, 1914, TO JULY 1, 1915.

Pamphlets	1,298,822
Bound Books—Cloth	14,945
Buckram	2,347
Half Morocco	1,019
Half Russia	211
Buffing	1,389
Blank books	21
Full Russia, seal, etc	19
Full canvas	149
Pluviusin	649
Quarter bound	562
Check binding	25,449
Blanks—Ruled	705,576
Stitched	94,096
Folded	173,729
Padded	22,550
Perforated	1,042,404
Punched	767,986
Cut	385,516
Numbered	376,582
Loose leaf binders—Post and ring	487
Business cards—Perforated and padded	2,174
Mailing tubes	4,898
Leather cases	1,174
Maps mounted	19
Bellows envelopes	1,060
Portfolios (sets)	636
Division sheets indexed	5,156
Desk and blotter pads	262
Annual report blanks tied	1,941
Books, lettered only	53
Stenographer note books	2,544
Cases for experiment station reports	550
Pads for filler cases	1,500
	4,936,475

THE OHIO COMMISSION FOR THE BLIND

NOVEMBER 15, 1914—JUNE 30, 1915.

The efforts of the Commission, during the period included in this report, have been along the lines adopted by it during the periods previously reported upon. We have endeavored to reach and be of service to an ever-increasing number of those who are already blind and also those who may be saved from blindness.

Between the dates under consideration, Mr. John Kaiser of Marietta, one of the original members of the Commission appointed in 1908, was selected by you as a member of the Board of Trustees of the Ohio State University. To succeed Mr. Kaiser you appointed Mr. Murray Seasongood, of Cincinnati, and, upon June 10, 1915, reappointed him to serve for five years. Mr. Seasongood's official connection with the Clovernook Home for the Blind, of Mt. Healthy, Ohio, gives him a keen and practical interest in matters connected with the welfare of the blind.

During this same period, Miss Marion Campbell, our field secretary, resigned to accept a similar position with the New York State Commission for the Blind. After Miss Campbell left, the Commission reorganized its activities and assigned to Miss V. Lota Lorimer, formerly its midwife inspector in Northern Ohio, the supervision of the five prevention of blindness nurses and the campaign for the conservation of vision; and created the position of Assistant Executive Secretary, for which office they secured the services of Miss Frances S. Reed, who has had practical experience in work for the blind.

We do not presume to place a monetary value upon a pair of eyes, nor do we care to estimate the immeasurable happiness which is enjoyed by those whose sight is spared, nevertheless we do feel it is our duty to emphasize the fact that the Commission for the Blind by saving sight is actually saving the state the future expenditure of hundreds of thousands of dollars.

From May, 1912, when the nursing work of the Commission was first undertaken, with only one part-time nurse, to June 30, 1915, the nurses have had the supervision of over 1,000 cases. Fully one-half of these have been materially benefited, and it must be remembered that this is in addition to the large number of patients who have received proper eye treatment through agencies in the larger cities, which have come into existence as a result of the campaign of the Commission for better care of the eyes.

During the above mentioned period, the Commission has evidence of twenty (20) infants whose eyes would have been lost if it had not been for the prompt care of our nurses. If these twenty children had gone through life without their sight, it would have cost at least \$3,000

more to educate them at the State School for the Blind than if they had gone to the public schools, which would mean for the state a *future expenditure saved* of fully \$60,000. If these same twenty individuals later found it necessary to call for the blind relief "pensions" which are paid from the counties, they might receive \$150 a year for at least thirty (30) years, which would mean an additional expenditure of public funds amounting to \$90,000. Thus it will be seen that during this period of three years the Commission for the Blind, by saving the sight of these twenty infants alone (we are making no mention of the hundreds of adults and children who have also been helped), has saved a probable expenditure of public funds of over \$150,000, which is more than the total amount of the appropriation which has been given to the Commission during the same period for its use in all its departments.

It may truly be said that SAVING SIGHT SAVES DOLLARS.

FINANCIAL STATEMENT—Continued.
PERSONAL SERVICE.

	Receipts.				Disbursements.				
	Balance November 15, 1914.	Appropriations.	Transfers from other Institutions.	Ohio State Sanatorium Receipts.	Total.	Classified Expenditures.	Transfers to other Institutions.	Balance June 30, 1915.	Total.
Board of Administration.....	\$18,055 51	\$26,317 38	\$2,200 00	.....	\$46,572 89	\$43,423 21	\$2,051 66	\$1,098 02	\$46,572 89
Athens State Hospital.....	17,547 45	27,469 08	29 75	.....	45,046 23	43,820 52	967 00	258 71	45,046 23
Cleveland State Hospital.....	21,486 86	33,101 85	325 00	.....	54,913 71	54,823 89	.....	89 82	54,913 71
Columbus State Hospital.....	23,774 83	35,956 74	300 00	.....	60,031 57	59,904 87	.....	126 70	60,031 57
Dayton State Hospital.....	19,641 81	28,883 50	580 00	.....	49,105 31	48,860 17	.....	245 14	49,105 31
Toledo State Hospital.....	24,851 43	40,144 23	300 00	.....	65,295 66	63,703 23	1,300 00	292 43	65,295 66
Massillon State Hospital.....	18,308 58	29,525 99	.....	.....	47,834 57	45,892 40	1,000 00	942 17	47,834 57
Longview Hospital.....	18,389 12	26,907 25	600 00	.....	45,896 37	45,536 63	.....	359 74	45,896 37
Ohio Hospital for Epileptics.....	24,708 41	36,483 48	700 00	.....	61,891 87	61,519 97	.....	371 90	61,891 87
Institution for Feeble-Minded.....	25,509 50	41,651 00	.....	.....	67,160 50	65,377 62	794 00	988 88	67,160 50
State School for the Deaf.....	21,976 76	32,842 56	275 00	.....	55,094 32	53,823 76	1,000 00	270 56	55,094 32
State School for the Blind.....	14,682 85	22,373 29	450 00	.....	37,506 14	36,668 61	238 37	599 16	37,506 14
Ohio State Sanatorium.....	9,187 33	7,912 00	1,570 00	\$9,275 94	27,945 27	15,392 64	2,000 00	10,552 63	27,945 27
Ohio Soldiers' and Sailors' Home.....	19,488 38	30,684 75	38 37	.....	50,211 50	49,486 92	500 00	224 58	50,211 50
Madison Home.....	1,452 46	2,205 00	487 00	.....	4,144 46	3,878 49	.....	265 97	4,144 46
Boys' Industrial School.....	18,698 41	26,348 03	580 00	.....	45,526 44	45,032 71	.....	503 73	45,526 44
Girls' Industrial School.....	11,818 88	17,253 98	1,200 00	.....	30,272 84	29,875 31	.....	397 53	30,272 84
Ohio State Reformatory.....	\$9,846 27	50,214 57	350 00	.....	90,410 84	81,224 43	2,500 00	6,886 41	90,410 84
Ohio Penitentiary.....	35,499 85	61,679 98	2,650 00	.....	90,829 83	90,637 22	994 34	8,198 27	90,829 83
New Prison Farm.....	705 00	1,357 59	314 59	.....	2,377 09	2,377 09	.....	.....	2,377 09
Juvenile Research.....	1,549 98	2,550 00	595 66	.....	4,695 64	4,387 90	200 00	107 74	4,695 64
Total.....	\$887,179 67	\$581,762 07	\$13,545 37	\$9,275 94	\$991,763 05	\$945,637 59	\$13,545 37	\$32,580 09	\$991,763 05

FINANCIAL STATEMENT—Continued.
MAINTENANCE.

	Receipts.				Disbursements.			
	Balance November 15, 1914.	Appropriations.	Transfers from other Institutions.	Receipts from U. S. Government.	Total.	Classified Expenditures.	Transfers to other Institutions.	Balance June 30, 1915.
Board of Administration.....	\$49,915 17	\$56,833 50	\$10,000 00	.....	\$116,767 67	\$15,364 75	\$92,374 00	\$3,023 93
Athens State Hospital.....	15,556 64	76,056 00	23,600 00	.....	115,212 04	106,437 71	.....	8,774 33
Cleveland State Hospital.....	40,893 34	68,737 00	200 00	.....	109,890 34	109,888 95	.....	1 39
Columbus State Hospital.....	26,123 10	87,395 00	5,900 00	.....	129,318 10	128,761 22	.....	556 88
Dayton State Hospital.....	16,480 47	73,430 00	5,050 00	.....	95,030 47	86,747 15	.....	8,273 32
Toledo State Hospital.....	62,987 43	108,485 00	4,234 00	.....	175,676 43	132,156 45	.....	23,519 97
Massillon State Hospital.....	31,335 46	76,435 00	.....	.....	107,780 46	98,470 71	.....	6,309 75
Longview Hospital.....	35,215 68	64,875 00	1,500 00	.....	101,590 68	95,634 40	.....	1,756 28
Ohio Hospital for Epileptics.....	79,683 51	53,175 00	30,000 00	.....	176,858 51	143,241 04	.....	27,987 47
Institution for Feeble-Minded.....	19,721 68	99,245 00	11,000 00	.....	189,966 68	178,860 87	.....	11,075 81
State School for the Deaf.....	16,153 24	29,585 00	5,400 00	.....	55,138 24	23,113 17	.....	29 07
State School for the Blind.....	6,984 52	23,849 00	750 00	.....	25,624 52	23,313 57	.....	103 95
Ohio State Sanatorium.....	4,397 21	20,259 00	.....	.....	30,057 21	29,569 08	.....	488 13
Ohio Soldiers' and Sailors' Home.....	31,077 33	75,070 00	5,500 00	\$31,400 00	137,647 33	117,970 93	17,000 00	3,476 40
Madison Home.....	888 87	2,965 00	400 00	.....	4,173 87	4,156 76	.....	17 11
Boys' Industrial School.....	18,783 54	48,437 00	12,700 00	.....	79,920 54	77,966 33	.....	1,954 21
Girls' Industrial School.....	12,555 63	26,275 00	11,000 00	.....	49,830 63	48,266 24	.....	1,564 39
Ohio State Reformatory.....	19,094 52	63,437 50	1,350 00	.....	83,812 03	82,984 83	.....	827 19
Ohio Penitentiary.....	41,866 27	70,175 00	.....	.....	112,031 27	102,946 76	1,600 00	7,484 51
New Prison Farm.....	1,463 76	25,630 00	.....	.....	27,093 76	26,142 13	5,000 00	1,950 63
Juvenile Research.....	1,734 73	250 00	.....	.....	1,984 73	1,636 96	400 00	587 76
Total.....	\$606,670 48	\$1,148,430 00	\$138,574 00	\$31,400 00	\$1,915,074 48	\$1,671,697 01	\$138,574 00	\$114,363 47
								\$1,915,074 48

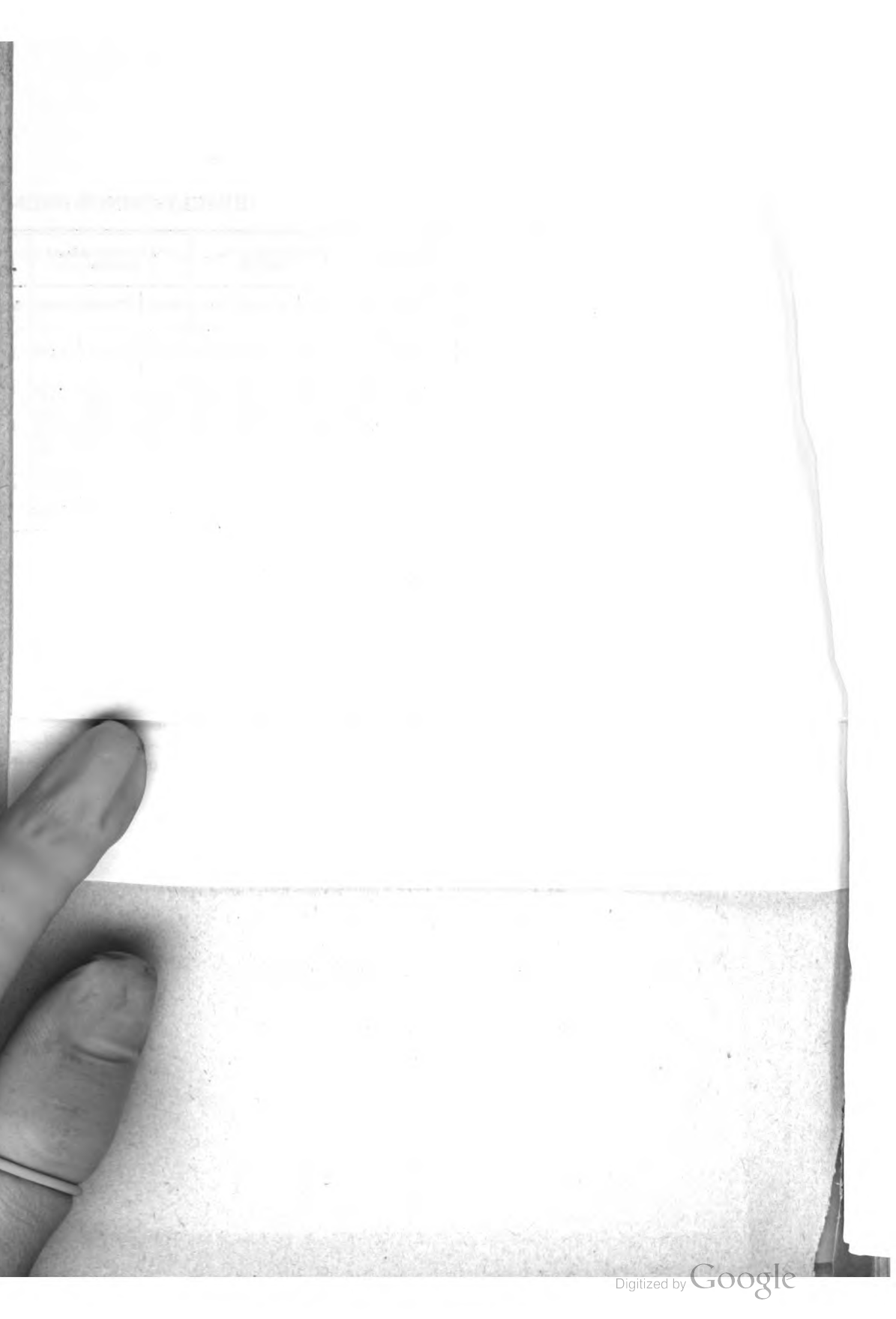
FINANCIAL STATEMENT—Concluded.
FIXED CHARGES AND SPECIFIC PURPOSES.

	Receipts.				Disbursements.			
	Balance November 15, 1914.	Appropriations.	Transfers from other Institutions.	Total.	Classified Expenditures.	Transfers to other Institutions.	Balance June 30, 1915.	Total.
Board of Administration.....	\$500 98	\$78 71	.....	\$500 98	.....	.....	\$286 13	\$300 98
Athens State Hospital.....	15 00	.....	.....	83 71	83 71	.....	.....	83 71
Cleveland State Hospital.....	15 00	.....	.....	15 00	.....	.....	15 00	15 00
Columbus State Hospital.....	15 00	.....	.....	15 00	.....	.....	10 00	15 00
Dayton State Hospital.....	15 00	.....	.....	15 00	5 00	.....	15 00	15 00
Toledo State Hospital.....	15 00	.....	.....	15 00	.....	.....	15 00	15 00
Massillon State Hospital.....	15 00	.....	.....	15 00	.....	.....	15 00	15 00
Longview Hospital.....	40 00	.....	.....	40 00	25 00	.....	15 00	15 00
Ohio Hospital for Epileptics.....	440 00	.....	.....	440 00	25 00	.....	415 00	440 00
Institution for Feeble-Minded.....	15 00	.....	.....	15 00	.....	.....	15 00	15 00
State School for the Deaf.....	15 00	.....	.....	15 00	.....	.....	15 00	15 00
State School for the Blind.....	13 87	.....	.....	13 87	.....	.....	13 87	13 87
Ohio State Sanatorium.....	15 00	.....	.....	15 00	.....	.....	15 00	15 00
Ohio Soldiers' and Sailors' Home.....	15 00	.....	.....	15 00	.....	.....	15 00	15 00
Madison Home.....	15 00	.....	.....	15 00	.....	.....	15 00	15 00
Boys' Industrial School.....	25 00	.....	.....	25 00	25 00	.....	.....	25 00
Girls' Industrial School.....	.....	.....	.....	.....	.....	.....	.....	.....
Ohio State Reformatory.....	.....	.....	9 85	9 85	.....	.....	.....	9 85
Ohio Penitentiary.....	5,601 10	.....	.....	5,601 10	2,063 60	.....	3,537 50	5,601 10
New Prison Farm.....	.....	.....	.....	.....	.....	.....	.....	.....
Juvenile Research.....	.....	.....	.....	.....	.....	.....	.....	.....
Total.....	\$6,570 95	\$78 71	\$14 85	\$6,664 51	\$2,237 16	\$14 85	\$4,413 50	\$6,664 51

MANUFACTURING AND SALES DEPARTMENT—SUMMARY.

DEPARTMENT.	Sales Nov. 16, 1914 to June 30, 1915.	Inventory Finished Product, Materials, Etc., June 30, 1915.	Inventory Equipment, June 30, 1915.	Net Profit to Capital Stock.	Capital Stock "Mfg. Fund." June 30, 1915.
Reformatory.....	\$136,384 23	\$161,903 50	\$46,820 87	\$40,547 84	\$365,031 28
Penitentiary.....	142,894 35	135,944 39	170,306 36	45,081 51	382,550 56
Brick Plant.....	4,510 76	36,733 82	10,532 71	4,391 97	33,862 84
	\$283,789 34	\$334,581 71	\$227,659 94	\$90,021 32	\$781,444 68
Central Warehouse	133,227 51	25,631 15	2,291 17	6,660 74	Capital Stock Warehouse Fund. 112,219 04
Total.....	\$417,016 85	\$360,212 86	\$229,951 11	\$96,682 06	\$893,663 72





STATISTICAL SUMMARIES

STATE CHARITABLE AND PENAL INSTITUTIONS

Athens State Hospital.
Cleveland State Hospital.
Columbus State Hospital.
Dayton State Hospital.
Longview Hospital.
Massillon State Hospital.
Toledo State Hospital.
Ohio Hospital for Epileptics.
Institution for Feeble-Minded.
State School for the Deaf.
State School for the Blind.
Ohio State Sanatorium.
Ohio Soldiers' and Sailors' Home.
Madison Home.
Boys' Industrial School.
Girls' Industrial School.
Ohio State Reformatory.
Ohio Penitentiary.
Ohio Soldiers' and Sailors' Orphans' Home.

THE ATHENS STATE HOSPITAL

MOVEMENT OF POPULATION

For Seven and One-half Months Beginning November 16, 1914, and Ending June 30, 1915.

	Men.	Women.	Total.
Remaining November 16, 1914.....	736	696	1,432
On temporary leave.....	15	3	18
Total on records.....	751	699	1,450
Admissions during seven and one-half months—			
Committed patients	116	67	183
Voluntary patients	2	8	10
Total admissions	118	75	193
Entire number under care.....	869	774	1,643
Removed—			
Recovered	4	3	7
Improved	2	3	5
Unimproved	3	1	4
Not insane .....	.....	1	1
Died	32	26	58
Transferred	1	.....	1
Habes corpus	1	.....	1
Total removed	43	34	77
Total on record June 30, 1915.....	826	740	1,566
On temporary leave.....	56	52	108
Remaining June 30, 1915.....	770	688	1,458
Average daily resident.....	754	688	1,442
Per cent. recoveries based on admissions.....	3.4%	4%	3.7%
Per cent. deaths based on entire number.....	3.7%	3.3%	3.5%

THE CLEVELAND STATE HOSPITAL

MOVEMENT OF POPULATION

For Seven and One-half Months Beginning November 16, 1914, and Ending June 30, 1915.

	Men.	Women.	Total.
Remaining November 16, 1914.....	992	808	1,800
On temporary leave.....	53	58	111
Total on records.....	1,045	866	1,911
Admissions during seven and one-half months—			
Committed patients	191	148	339
Voluntary patients	9	14	23
Total admissions	200	162	362
Entire number under care.....	1,245	1,028	2,273
Removed—			
Recovered	44	41	85
Improved	13	11	24
Unimproved	3	1	4
Not insane			
Died	64	48	112
Transferred		1	1
Habeas corpus			
Total removed	124	102	226
Total on record June 30, 1915.....	1,121	926	2,047
On temporary leave.....	107	102	209
Remaining June 30, 1915.....	1,014	824	1,838
Average daily resident.....	1,005	823	1,828
Per cent. recoveries based on admissions.....	22%	25%	23.48%
Per cent. deaths based on entire number.....	5.14%	4.67%	4.92%

THE COLUMBUS STATE HOSPITAL

MOVEMENT OF POPULATION.

For Seven and One-half Months Beginning November 16, 1914, and Ending June 30, 1915.

	Men.	Women.	Total.
Remaining November 16, 1914.....	1,036	845	1,881
On temporary leave.....	40	63	103
Total on records.....	1,076	908	1,984
Admissions during seven and one-half months—			
Committed patients	178	146	324
Voluntary patients	16	15	31
Total admissions	194	161	355
Entire number under care.....	1,270	1,069	2,339
Removed—			
Recovered	49	47	96
Improved	50	49	99
Unimproved	9	12	21
Not insane		1	1
Died	82	58	140
Transferred	1		1
Habeas corpus.....			
Total removed.....	191	167	358
Total on record June 30, 1915.....	1,079	902	1,981
On temporary leave.....	46	44	90
Remaining June 30, 1915.....	1,033	858	1,891
Average daily resident.....	1,026	850	1,876
Per cent. recoveries based on admissions.....	25.3%	29.2%	27.04%
Per cent. deaths based on entire number.....	6.5%	5.4%	5.98%

THE DAYTON STATE HOSPITAL

MOVEMENT OF POPULATION.

For Seven and One-Half Months Beginning November 16, 1914, and Ending June 30, 1915.

	Men.	Women.	Total.
Remaining November 16, 1914.....	653	643	1,296
On temporary leave.....			
Total on records.....	653	643	1,296
Admissions during seven and one-half months—			
Committed patients	118	103	221
Voluntary patients	5	3	8
Total admissions	123	106	220
Entire number under care.....	776	749	1,525
Removed—			
Recovered	33	22	55
Improved	22	28	50
Unimproved	2	5	7
Not insane.....			
Died	47	45	92
Transferred			
Habeas corpus.....			
Total removed.....	104	100	204
Total on record June 30, 1915.....	672	649	1,321
On temporary leave.....			
Remaining June 30, 1915.....	672	649	1,321
Average daily resident.....	666	634	1,300
Per cent. recoveries based on admissions.....	26.8%	20.75%	24%
Per cent. deaths based on entire number.....	6%	6%	6%

LONGVIEW HOSPITAL

MOVEMENT OF POPULATION.

For Seven and One-half Months Beginning November 16, 1914, and Ending June 30, 1915.

	Men.	Women.	Total.
Remaining November 16, 1914.....	744	751	1,495
On temporary leave.....			
Total on records.....	744	751	1,495
Admissions during seven and one-half months—			
Committed patients	174	110	284
Voluntary patients			
Total admissions	174	110	284
Entire number under care.....	918	861	1,779
Removed—			
Recovered	24	3	27
Improved	26	27	53
Unimproved	6	7	13
Not insane			
Died	72	42	114
Transferred			
Habeas corpus			
Total removed	128	79	207
Total on record June 30, 1915.....	790	782	1,572
On temporary leave.....			
Remaining June 30, 1915.....	790	782	1,572
Average daily resident.....	761	763	1,527
Per cent. recoveries based on admissions.....	19.54%	2.72%	9.5%
Per cent. deaths based on entire number.....	7.84%	4.87%	6.4%

THE MASSILLON STATE HOSPITAL

MOVEMENT OF POPULATION.

For Seven and One-half Months Beginning November 16, 1914, and Ending June 30, 1915.

	Men.	Women.	Total.
Remaining November 16, 1914.....	960	845	1,805
On temporary leave.....	5	1	6
Total on records.....	965	846	1,811
Admissions during seven and one-half months—			
Committed patients	236	135	371
Voluntary patients			
Total admissions.....	236	135	371
Entire number under care.....	1,201	981	2,182
Removed—			
Recovered	79	56	135
Improved	37	23	60
Unimproved	12	7	19
Not insane			
Died	68	56	124
Transferred			
Habeas corpus			
Total removed	196	142	338
Total on record June 30, 1915.....	1,005	839	1,844
On temporary leave.....	6	1	7
Remaining June 30, 1915.....	999	838	1,837
Average daily resident.....	975	828	1,803
Per cent. recoveries based on admissions.....	33.47%	41.47%	36.38%
Per cent. deaths based on entire number.....	5.6 %	5.7 %	5.68%

THE TOLEDO STATE HOSPITAL

MOVEMENT OF POPULATION.

For Seven and One-half Months Beginning November 16, 1914, and Ending June 30, 1915.

	Men.	Women.	Total.
Remaining November 16, 1914.....	962	923	1,885
On temporary leave.....			
Total on records.....	962	923	1,885
Admissions during seven and one-half months—			
Committed patients	180	127	307
Voluntary patients	37	11	48
Total admissions	217	138	355
Entire number under care.....	1,201	981	2,240
Removed—			
Recovered	65	55	120
Improved	50	18	68
Unimproved	12	12	24
Not insane	1		1
Died	75	61	136
Transferred	1		1
Habeas corpus			
Total removed	204	144	348
Total on record June 30, 1915.....	975	917	1,892
On temporary leave.....			
Remaining June 30, 1915.....	975	917	1,892
Average daily resident.....	943	890	1,833
Per cent. recoveries based on admissions.....	29.95%	39.85%	33.8 %
Per cent. deaths based on entire number.....	6.36%	5.74%	6.06%

RECAPITULATION STATE HOSPITALS FOR INSANE.

MOVEMENT OF POPULATION.

For Seven and One-half Months Beginning November 16, 1914, and Ending June 30, 1915.

	Men.	Women.	Total.
Remaining November 16, 1914.....	6,083	5,511	11,594
On temporary leave	113	125	238
Total on records.....	6,196	5,636	11,832
Admissions during seven and one-half months—			
Committed patients	1,193	836	2,029
Voluntary patients	69	51	120
Total admissions	1,262	887	2,149
Entire number under care.....	7,458	6,523	13,981
Removed—			
Recovered	298	227	525
Improved	200	157	357
Unimproved	47	45	92
Not insane	1	2	3
Died	440	336	776
Transferred	3	1	4
Habeas corpus	1	.....	1
Total removed	990	768	1,758
Total on record June 30, 1915.....	6,468	5,755	12,223
On temporary leave.....	215	199	414
Remaining June 30, 1915.....	6,253	5,556	11,809
Average daily resident.....	6,133	5,476	11,609
Per cent. recoveries based on admissions.....	23.61%	25.59%	24.43%
Per cent. deaths based on entire number.....	5.89%	5.15%	5.55%

THE OHIO HOSPITAL FOR EPILEPTICS

COUNTY TABLE.

Showing Admissions by Counties During the Period from November 16, 1914, to June 30, 1915, Since the Opening of the Hospital, November 30, 1893, and Remaining.

	Admitted During Period from November 16, 1914, to June 30, 1915			Admitted Since November 30, 1893			Remaining on Hospital Register June 30, 1915		
	Men	Women	Total	Men	Women	Total	Men	Women	Total
Adams	2	0	2	19	20	39	5	7	12
Allen	4	0	4	36	31	67	9	9	18
Ashland	0	2	2	14	12	26	7	2	9
Ashtabula	0	1	1	45	23	68	10	7	17
Athens	2	1	3	42	33	75	7	9	16
Auglaize	0	0	0	24	16	40	2	10	12
Belmont	1	0	1	44	26	70	10	5	15
Brown	0	0	0	28	14	42	10	3	13
Butler	2	2	4	43	37	80	13	17	30
Carroll	0	0	0	14	6	20	1	3	4
Champaign	4	0	4	33	21	54	9	6	15
Clark	1	0	1	57	24	81	14	10	24
Clermont	0	0	0	31	21	52	6	7	13
Cllinton	0	0	0	31	20	51	6	7	13
Columbiana	2	1	3	67	38	105	17	10	27
Coshocton	1	0	1	29	17	46	6	4	10
Crawford	0	0	0	15	21	36	5	4	9
Cuyahoga	11	5	16	340	191	531	89	86	175
Darke	2	0	2	38	27	65	12	11	23
Defiance	0	1	1	13	15	28	1	5	6
Delaware	0	0	0	28	12	40	6	2	8
Erie	0	0	0	29	17	46	4	7	11
Fairfield	0	0	0	30	19	49	7	8	15
Fayette	2	2	4	29	14	43	10	4	14
Franklin	13	4	17	223	119	347	62	52	114
Fulton	0	0	0	17	9	26	5	3	8
Gallia	3	0	3	39	32	71	5	7	12
Geauga	0	0	0	5	8	13	0	1	1
Greene	0	0	0	30	14	44	8	6	14
Guernsey	0	0	0	32	30	62	7	9	16
Hamilton	7	4	11	308	168	476	101	77	178
Hancock	0	1	1	22	13	35	4	3	7
Hardin	1	1	2	24	19	43	6	4	10
Harrison	2	0	2	17	8	25	5	3	8
Henry	0	0	0	13	15	28	2	6	8
Highland	0	0	0	27	13	40	6	5	11
Hocking	0	0	0	28	11	39	6	5	11
Holmes	0	0	0	16	8	24	4	3	7
Huron	0	0	0	27	17	44	5	4	9
Jackson	1	0	1	31	21	52	7	8	15
Jefferson	0	0	0	39	13	52	12	4	16
Knox	3	0	3	25	25	50	9	8	17
Lake	1	0	1	10	5	15	4	3	7
Lawrence	2	0	2	47	20	67	8	7	15
Licking	1	0	1	47	22	69	11	8	19
Logan	0	1	1	31	19	50	11	8	19
Lorain	1	0	1	34	23	57	6	6	12
Lucas	0	0	0	104	55	159	29	24	53
Madison	0	0	0	19	10	29	3	4	7
Mahoning	3	1	4	58	33	91	20	10	30
Marion	0	0	0	29	16	45	7	3	10
Medina	0	0	0	13	12	25	0	2	2
Meigs	0	0	0	37	24	61	8	6	14
Mercer	1	1	2	23	12	35	8	5	13
Miami	0	0	0	20	20	40	3	8	11
Monroe	0	0	0	17	8	25	6	3	9
Montgomery	1	2	3	106	72	178	30	31	61
Morgan	0	0	0	27	10	37	4	2	6
Morrow	1	0	1	21	10	31	0	1	1
Muskingum	3	1	4	48	29	77	13	8	21
Noble	0	0	0	23	21	44	4	7	11
Ottawa	0	0	0	20	9	29	4	3	7
Paulding	0	2	2	25	12	37	8	4	12
Perry	3	0	3	47	22	69	10	9	19

THE OHIO HOSPITAL FOR EPILEPTICS—Continued.

COUNTY TABLE—Concluded.

	Admitted During Period from November 16, 1914, to June 30, 1915			Admitted Since November 30, 1893			Remaining on Hospital Register June 30, 1915		
	Men	Women	Total	Men	Women	Total	Men	Women	Total
Pickaway	1	0	1	41	11	52	10	2	12
Pike	0	0	0	15	6	21	3	1	4
Portage	0	1	1	26	9	35	6	4	10
Preble	2	0	2	22	10	32	11	3	14
Putnam	0	0	0	23	17	40	2	6	9
Richland	0	0	0	23	27	50	5	6	11
Ross	1	0	1	49	17	66	12	1	13
Sandusky	1	0	1	24	19	43	5	2	7
Scioto	2	0	2	48	24	72	12	10	22
Seneca	0	1	1	32	12	44	6	5	11
Shelby	1	0	1	18	9	27	2	6	8
Stark	4	0	4	38	57	145	21	11	32
Summit	2	1	3	69	37	106	13	14	27
Trumbull	2	2	4	41	22	63	11	5	16
Tuscarawas	1	2	3	49	33	82	9	15	24
Union	2	0	2	17	16	33	4	4	8
Van Wert	0	1	1	27	20	47	5	6	11
Vinton	0	0	0	10	9	19	2	4	6
Warren	0	0	0	27	13	40	4	6	10
Washington	1	0	1	34	21	55	11	5	16
Wayne	1	0	1	38	29	67	8	7	15
Williams	1	0	1	15	20	35	4	6	10
Wood	0	0	0	27	18	45	4	4	8
Wyandot	1	0	1	21	12	33	4	6	10
O. S. & S. Home	0	0	0	1	0	1	0	0	0
Michigan	0	0	0	1	0	1	0	0	0
Connecticut	0	0	0	1	0	1	0	0	0
Iowa	0	0	0	0	1	1	0	0	0
West Virginia	0	0	0	0	1	1	0	0	0
Total	104	41	145	3,600	2,152	5,752	892	752	1,644

DURATION OF EPILEPSY.

Table Showing Duration of Epilepsy of Those Admitted During the Period from November 16, 1914, to June 30, 1915, and Since the Opening of the Hospital, November 30, 1893.

	Admitted During Period from November 16, 1914, to June 30, 1915			Admitted Since November 30, 1893		
	Men	Women	Total	Men	Women	Total
Under 1 year.....	9	1	10	172	58	230
Over 1 year and under 2 years.....	6	5	11	217	99	316
Over 2 and under 5 years.....	12	4	16	637	339	976
Over 5 and under 10 years.....	26	14	40	795	477	1,272
Over 10 and under 15 years.....	20	5	25	606	340	946
Over 15 and under 20 years.....	14	3	17	389	248	637
Over 20 and under 30 years.....	7	5	12	371	297	668
Over 30 years.....	7	3	10	229	189	418
Unknown	3	1	4	184	105	289
Total	104	41	145	3,600	2,152	5,752

THE OHIO HOSPITAL FOR EPILEPTICS—Continued.

ASSIGNED CAUSE.

Table Showing Cause of Epilepsy of Those Admitted During the Period from November 16, 1914, to June 30, 1915, and Since the Opening of the Hospital, November 30, 1893.

	Admitted During Period from November 16, 1914, to June 30, 1915			Admitted Since November 30, 1893		
	Men	Women	Total	Men	Women	Total
Alcoholism	3	0	3	70	3	73
Amenorrhea	0	0	0	0	16	16
Anterior Polio-myelitis	1	0	1	1	3	4
Apoplexy	0	0	0	26	13	39
Army service	0	0	0	1	0	1
Asphyxia	0	0	0	2	0	2
Birth injury	0	0	0	4	1	5
Cerebro-spinal meningitis	0	0	0	66	46	112
Cerebral Tumor	0	0	0	1	0	1
Chlorosis	0	0	0	0	1	1
Chorea	0	0	0	4	3	7
Cholera infantum	0	0	0	2	0	2
Cigarettes	1	0	1	2	0	2
Carbuncle on neck	0	0	0	1	0	1
Convulsions in childhood	0	0	0	2	0	2
Diphtheria	0	0	0	3	3	6
Dentition	0	0	0	17	7	24
Digestive derangement	0	0	0	30	12	42
Defective development	0	0	0	1	0	1
Erysipelas	0	0	0	3	0	3
Encephalitis	0	0	0	3	1	4
Exposure	1	0	1	3	2	5
Exhaustion	0	0	0	8	4	12
Fall	0	0	0	9	1	10
Fever, malarial	0	0	0	8	5	13
Fever, scarlet	1	0	1	43	22	65
Fever, typhoid	2	0	2	54	23	77
Foreign body in nasal cavity	0	1	1	0	2	2
Fright	1	0	1	51	56	107
Gunshot wound	0	0	0	2	0	2
Heredity	11	8	19	636	449	1,085
Hydrocephalus	0	0	0	0	1	1
Infantile convulsions	0	0	0	4	6	10
Injury to head	6	0	6	211	23	234
Injury, miscellaneous	4	2	6	214	67	281
Insomnia	0	0	0	1	0	1
La Grippe	0	0	0	6	7	13
Locomotor Ataxia	0	0	0	1	0	1
Masturbation	1	0	1	43	2	45
Mastoiditis	0	0	0	2	0	2
Measles	0	0	0	18	19	37
Malnutrition	0	0	0	3	1	4
Meningitis	3	1	4	4	3	7
Menopause	0	0	0	0	13	13
Menstrual irregularities	0	1	1	0	57	57
Mental over-work	1	0	1	13	7	20
Miscarriage	0	0	0	0	4	4
Mumps	0	0	0	0	2	2
Nephritis	0	0	0	1	0	1
Neurasthenia	0	0	0	0	7	7
Nymphomania	0	0	0	0	2	2
Osteomyelitis	0	0	0	2	0	2
Over eating	0	0	0	6	1	7
Ovarian disease	0	1	1	0	8	8
Over-work	1	1	2	11	4	15
Premature birth	0	0	0	1	0	1
Periostitis	0	0	0	1	0	1
Poisoning, lead	0	0	0	2	2	4
Poisoning, phosphorus	0	0	0	0	1	1
Poisoning, toad stool	0	0	0	0	1	1
Pneumonia	1	0	1	8	5	13
Puberty	0	0	0	2	18	20
Prolapsus Recti	0	0	0	1	1	2
Phimosiis	0	0	0	1	0	1
Parturition	0	2	2	0	34	34
Rheumatism	1	0	1	4	2	6
Scalding	0	0	0	0	1	1

THE OHIO HOSPITAL FOR EPILEPTICS—Concluded.

ASSIGNED CAUSE—Concluded.

	Admitted During Period from November 16, 1914, to June 30, 1915			Admitted Since November 30, 1893		
	Men	Women	Total	Men	Women	Total
Sea sickness	0	0	0	1	0	1
Senility	0	0	0	0	1	1
Shock	1	0	1	17	6	23
Sunstroke	1	0	1	103	8	111
Spinal trouble.....	0	0	0	2	7	9
Spinal Meningitis.....	0	0	0	1	2	3
Tobacco	0	0	0	3	0	3
Uterine disease.....	0	0	0	0	6	6
Corneal ulcer.....	0	0	0	0	1	1
Vaccination	0	0	0	0	1	1
Venereal disease.....	2	0	2	29	12	41
Pertussis	0	0	0	8	13	21
Worms	0	0	0	6	3	9
Worry	0	0	0	9	4	13
Unknown	61	24	85	1,807	1,116	2,923
Total	104	41	145	3,600	2,152	5,752

INSTITUTION FOR FEEBLE-MINDED

County Table, Showing Admissions by Counties During the Period of Seven and One-Half Months from November 16, 1914, to June 30, 1915, and Remaining.

Counties.	Admitted November 16, 1914, to June 30, 1915			Remaining on Hospital Register, June 30, 1915		
	Men	Women	Total	Men	Women	Total
Adams				11	4	15
Allen				10	10	20
Ashland				4	1	5
Ashtabula	1		1	11	8	19
Athens	1		1	7	11	18
Auglaize				3	5	8
Belmont				9	12	21
Brown				10	4	14
Butler				14	8	22
Carroll	2		2	6	5	11
Champaign				9	1	10
Clark	2		2	17	7	24
Clermont				3	2	5
Clinton				12	14	26
Columbiana				17	21	38
Coshocton				5	4	9
Crawford				7	5	12
Cuyahoga	14	4	18	139	138	277
Darke	1		1	12	5	17
Defiance					2	2
Delaware	1		1	7	4	11
Erie				4	9	13
Fairfield	2	2	4	8	2	10
Fayette				7	4	11
Franklin	2	2	4	63	70	133
Fulton	1		1	3	2	5
Gallia	1		1	11	3	14
Geauga	1		1	5	3	8
Greene	1	1	2	6	5	11
Guernsey				6	3	9
Hamilton	7	3	10	81	48	129
Hancock				4	4	8
Hardin	1		1	2	7	9
Harrison				4	4	8
Henry				8	6	14
Highland				9	6	15
Hocking				1	4	5
Holmes				4	2	6
Huron	2		2	5	8	13
Jackson				7	12	19
Jefferson				8	5	13
Knox				4	6	10
Lake				6	4	10
Lawrence				14	8	22
Licking	1	2	3	6	19	25
Logan	1		1	6	3	9
Lorain	2		2	13	14	27
Lucas	9	6	15	48	42	90
Madison				4	9	13
Mahoning	3	2	5	22	7	29
Marion				10	12	22
Medina				6	1	7
Melgs	1		1	6	5	11
Mercer	1		1	5	3	8
Miami				9	11	20
Monroe				4	1	5
Montgomery	1	1	2	27	34	61
Morgan				4	3	7
Morrow				6		6
Muskingum	2		2	9	10	19
Noble				1	2	3
Ottawa				5	8	13
Paulding	1		1	4	2	6
Perry	1		1	7	3	10
Pickaway	1		1	9	10	19
Pike				4	9	13
Portage				5	6	11
Preble				7	1	8

INSTITUTION FOR FEEBLE-MINDED—Concluded.

Counties.	Admitted November 16, 1914, to June 30, 1915			Remaining on Hospital Register, June 30, 1915		
	Men	Women	Total	Men	Women	Total
Putnam				2	8	10
Richland				12	8	20
Ross	3		3	10	3	13
Sandusky				10	5	15
Scioto	1		1	8	14	22
Seneca				5	8	13
Shelby				5	2	7
Stark	1		1	41	36	77
Summit	1	1	2	27	19	46
Trumbull		1	1	15	12	27
Tuscarawas	1	1	2	10	8	18
Union					3	3
Van Wert				3	2	5
Vinton				7	1	8
Warren				6	6	12
Washington	1	1	2	10	14	24
Wayne	2		2	11	9	20
Williams	2	1	3	10	7	17
Wood		1	1	16	12	28
Wyandot				4	2	6
*Unknown					2	2
Total	74	29	103	1,024	887	1,911

*Two girls' records destroyed in the fire of 1881. Not able to ascertain counties.

THE STATE SCHOOL FOR THE DEAF

MOVEMENT OF POPULATION.

POPULATION	Boys	Girls	Total
Number of pupils present November 16, 1914.....	263	229	492
Number of former pupils returned.....	3	3	6
Number of new pupils admitted.....	3	2	5
Total enrollment for the period, seven and one-half months..	269	234	503
Number who died			
Number withdrawn, dropped, etc.....	4	6	10
Number absent with leave.....	2	7	9
Number in attendance at the close of school, June 10, 1915.....	263	221	484
*Number in attendance June 30, 1915.....			
Average attendance for the period, seven and one-half months...	240	205	445

*At home for the summer vacation since June 10th.

STATE SCHOOL FOR THE BLIND

MOVEMENT OF POPULATION.

Prepared in accordance with a Resolution of the National Conference of Charities and Correction adopted May 15, 1915.

POPULATION	November 16, 1914, to June 30, 1915		
	Boys	Girls	Total
Number of pupils present November 16, 1914, not including those absent on leave	121	110	231
Number received	9	6	15
Number withdrawn	15	18	33
Number remaining	120	104	224
Daily average attendance.....	120	108	228
Average number of officers and employees.....	41	53	94

THE OHIO STATE SANATORIUM

County Table Showing Discharges by Counties During the Period Ending June 30, 1915, and Remaining.

COUNTIES	Discharged During the period Ending June 30, 1915			Remaining on Sanatorium Register June 30, 1915		
	Men	Women	Total	Men	Women	Total
Auglaize	1		1			
Ashtabula	2	1	3			
Ashland					1	1
Athens	1		1			
Butler	3	1	4	1	1	2
Belmont	6	4	10	2	2	4
Cuyahoga	23	9	32	12	13	25
Columbiana	7	1	8	6	1	7
Coshocton	2		2	3	2	5
Crawford	1	1	2			
Clark				1		1
Carroll						1
Defiance	1		1		1	1
Erie	4		4			
Franklin	8	3	11	2	4	6
Fairfield	1		1	1		1
Fayette	1		1	2		2
Fulton				1		1
Gallia					1	1
Guernsey	1	1	2			2
Hamilton	8	4	12	8	9	17
Hardin	3		3	1	1	2
Hancock	1	1	2			1
Harrison	1		1			
Huron	1		1			
Jefferson	2	3	5	1	2	3
Jackson	1		1			
Knox	4	2	6	2	1	3
Lucas	1	3	4	3	6	9
Licking	9	4	13	3	9	12
Logan	2		2	1		1
Lorain	4	2	6	5	5	10
Lake	1		1		1	1
Lawrence		1	1			
Marion	1	2	3	2		2
Mahoning	7	3	10	3	3	6
Muskingum		1	1	1	2	3
Montgomery	3		3	1	1	2
Morgan		1	1			
Ottawa	1		1			
Paulding				1		1
Perry		1	1			
Pickaway					2	2
Portage	1		1		1	1
Putnam	5	1	6		2	2
Richland	2	4	6		1	1
Scioto	3		3	4	1	5
Stark	4		4	2	2	4
Summit	5	2	7	2	2	4
Seneca	1	1	2		1	1
Trumbull	6	4	10	1	4	5
Tuscarawas	1	2	3	1		1
Union		2	2			
Wayne		2	2		1	1
Total	140	67	207	77	83	160

THE OHIO SOLDIERS' AND SAILORS' HOME

MOVEMENT OF POPULATION.

Number on rolls November 16, 1914	1,423	
Gained by admission	164	
Gained by readmission	158	
		322
Total cared for during period	1,745	
Loss by discharge (own request)	195	
Loss by dropped from rolls (violation of rules)	36	
Loss by dropped (absent without leave)	46	
Loss by death	101	
		378
Number on rolls present and absent, June 30, 1915	1,367	
Number present for duty	663	
Number present on extra duty	214	
Number sick in hospital	212	
Total number present	1,089	
Number absent with leave	252	
Number absent without leave	26	278
Aggregate, present and absent	1,367	
Average number present during period	1,231	
Average number present and absent during period	1,421	
Total number cared for during period	1,745	

AVERAGE AGE OF MEMBERS.

Average age of the 1,259 Civil War veterans, is 74 years, 1 month and 7 days.

Age of the one Mexican War veteran, is 87 years, 11 months and 7 days.

Average age of the three Indian War veterans, is 68 years, 1 month and 4 days.

Average age of the 104 Spanish War veterans, is 48 years, 2 months and 15 days.

Average age of the 95 Civil War veterans, who have died during period is 76 years, 3 months and 7 days.

Average age of the six Spanish War veterans, who have died during period is 43 years, 4 months and 7 days.

There have been 9,018 admissions since the home opened November 19, 1888; 8,554 Civil War veterans, 26 Mexican War veterans, 4 Indian War veterans, and 434 Spanish War veterans.

Total loss by discharge and dropped, is 5,155.

Total loss by death, 2,952; shipped away and buried in other cemeteries 1,520; buried in the home cemetery, 1,432.

Average age of the 120 Civil War veterans, gained by admission during period is 72 years, 2 months and 4 days.

Average age of the 44 Spanish War veterans, gained by admission during period is 44 years, 1 month and 10 days.

Average age of the 131 Civil War veterans, gained by readmission during period is 74 years, 3 months and 5 days.

Age of the one Indian War veteran, gained by readmission during period is 67 years, 2 months and 3 days.

Average age of the 26 Spanish War veterans, gained by readmission during period is 47 years and 5 months.

SURGEON'S REPORT.

Present, November 16, 1914	247
Admitted since	259
Returned from furlough	135
Total	641
Discharged	177
Furloughed	160
Died in hospital	85
Died while absent	6
Present, June 30, 1915	213
Total	641
Deaths in hospital and home	91
Deaths present and absent	102
Ratio per 1,000 daily average present and absent	72
Average age of those who died in home and hospital	76.8
Treatments at sick call	17,474
Treatments at special call	819
Treatments at quarters	262
Treatments at hospital	57,260
Minor operations	1,708
Daily average treated in hospital and quarters	334
Prescriptions accounted for	58,543
Daily average	258

TREASURER'S REPORT.

Amount on hand in cash and banks, November 16, 1914	\$23,944 82
Received since that date	35,289 21
Total amount	\$59,234 03
Checked out of banks since November 16, 1914	29,830 01
Amount on hand June 30, 1915	\$29,404 02
Balance November 16, 1914	\$23,944 82
Gain for intervening time	5,459 20
	\$29,404 02

THE MADISON HOME

County Table, Showing Admissions by Counties During Period from November 16, 1914,
to June 30, 1915.

COUNTIES	Admitted During Period Ending June 30, 1915			Remaining on Institution Register June 30, 1915		
	Men	Women	Total	Men	Women	Total
Allen					1	1
Ashtabula		1	1		4	4
Bradley, Tennessee					1	1
Columbiana					2	2
Cuyahoga					6	6
Fayette					2	2
Hamilton					1	1
Hancock		1	1		2	2
Lake					1	1
Lucas					3	3
Medina					1	1
Miami		1	1		2	2
Portage					1	1
Richland					1	1
Ross		1	1		1	1
Sandusky					1	1
Scioto					2	2
Summit					1	1
Trumbull					3	3
Van Wert		1	1			
Warren					2	2
Williams					1	1
Total		5	5		39	39

THE BOYS' INDUSTRIAL SCHOOL

SHOWING MOVEMENT OF POPULATION DURING YEAR ENDING JUNE
30, 1915.

Remaining November 16, 1914	1,157
Admitted during year—	
First commitment	466
Recommitted	61
Parole violators returned	90
Escapes returned	25
Temporary return	19
Total admitted	661
To be accounted for	1,818
Removals during year—	
Paroled	595
Restored to parole	15
Released by court	15
Died	4
Escaped	33
Total removed	662
Remaining June 30, 1915	1,156
Average daily population	1,122
Absent from institution July 1, 1915	927

THE GIRLS' INDUSTRIAL SCHOOL

MOVEMENT OF POPULATION.

Number present November 16, 1914	488
First admissions	201
Readmitted	148
Total	349
Total	837
Indentured	359
Discharged	3
Died	2
Total	364
Number present June 30, 1915	473
Average daily attendance	466.3

THE OHIO STATE REFORMATORY

MOVEMENT OF POPULATION.

For Seven and One-Half Months Beginning November 16, 1914, and Ending June 30, 1915.

Counties.	In Prison November 15, 1914.	Received from Courts.	Received from Probation.	Transferred from other Institutions.	Returned from other Institutions.	Violators Returned.	Escapes Returned.	Returned from Court.	Temporary Returns.	Total.	Paroled.	Restored to Parole or Probation.	Pardoned.	Released.	Released to Court.	Died.	Escaped.	Transferred to other Institutions.	Total.	In Prison June 30, 1915.
Adams	1	3				1				5	1								1	4
Allen	33	3	1		1	3				41	17	1		1				2	21	20
Ashland	1									1	1								1	
Ashtabula	9	5	1			1				16	5	1				1			7	9
Athens	8	2				2				12	2								2	10
Auglaize	5	3								8	2								2	6
Belmont	10	9								19	6	1							7	12
Brown																				
Butler	11	4				1				16	8								8	8
Carroll	2									2	1								1	1
Champaign	4					1				5	2								2	3
Clark	10			1						11	1								1	10
Clermont	5	1				1				7	1								1	6
Clinton	3	1								4										
Columbiana	12	4	2							18	5								5	13
Coshocton	2									2	2								2	
Crawford	7	3				1				11	1								1	10
Cuyahoga	254	89	31		3	43				420	127	11		2		1		3	144	276
Darke	2	1								3	1								1	2
Defiance		1								1										1
Delaware	2	3				1				6	1	1							2	4
Erle		4								4										4
Fairfield	7	6				1				13	6								6	7
Fayette	3	1								5	1								1	4
Franklin	112	40	4			17	1			174	55	4		1				1	61	113
Fulton		1								1										1
Gallia		5							1	6	1								1	5
Geauga																				
Greene		1								1										1
Guernsey	4	3								7	2								2	5
Hamilton	94	37	4		2	7				144	46	3					5	54	90	90
Hancock	5	6				1				12	3						1	4	8	8
Hardin	6	1								7	3								3	4
Harrison	1					1				2										2
Henry	1									1	1								1	
Highland	4									4	2								2	
Hocking	1									1	1								1	
Holmes	1									1	1								1	
Huron	4	3				2				9	3							1	4	5
Jackson	8	12				3				23	4	2			2	1			9	14
Jefferson	10	1								11	3								3	8
Knox	5	1								6	1							1	2	4
Lake	1	1								2										
Lawrence	17	14	3			3				37	9	1							10	27
Licking	8	7	2			2				19	3								3	16
Logan	5					1				6										6
Lorain	28	17			1	1			1	48	16	2							18	30
Lucas	98	29	8			13				149	50	2		1				2	55	94
Madison	1	1								2										2
Mahoning	26	21	1			2				50	9							1	10	40
Marion	8	3	1							12	5								5	7
Medina	3									3	1								1	2
Melgs	2	1								3	1								1	2
Mercer		2								2										2
Miami	8	2				1				11	4		1						5	6
Monroe	1									1										1

MOVEMENT OF POPULATION—Concluded.

Counties.	In Prison November 15, 1914.	Received from Courts.	Received from Probation.	Transferred from other Institutions.	Returned from other Institutions.	Violators Returned.	Escapes Returned.	Returned from Court.	Temporary Returns.	Total.	Paroled.	Restored to Parole or Probation.	Pardoned.	Released to Court.	Died.	Escaped.	Transferred to other Institutions.	Total.	In Prison June 30, 1915.
Montgomery	45	21	3			5			2	76	25	4					1	30	46
Morgan	1	2								3									3
Morrow	1									1									1
Muskingum	17	2								19	8							8	11
Noble																			
Ottawa	3	2				1				6									6
Paulding	1	3								10	3							3	7
Perry	6	1				1				8	1							1	7
Pickaway	12	4				1				17	3	1						5	12
Pike	1	1								1									1
Portage	13	6			1	2				22	7						1	8	14
Preble	4									4	2							2	2
Putnam		2								2							1	1	1
Richland	8	3	2			1				14									14
Ross	10	8				1				19	3						1	4	15
Sandusky	3	3								6	1							1	5
Scioto	16	6	1			4		1		28	12						1	13	15
Seneca	11	2	1			2				16	4	1						5	11
Shelby	7	6								13	5							5	8
Stark	30	17	3			5				55	15							15	40
Summit	40	19	1			4				64	21	1						22	42
Trumbull	17	5	2			1				25	11						1	12	13
Tuscarawas	1	4				1				6									6
Union	1	3								4	1							1	3
Van Wert	4	2								7	3							3	4
Vinton		2								2									2
Warren	3	1								4	1							1	3
Washington	15	2				1				18	3	2						5	13
Wayne	2	3				1				6	2							2	4
Williams	4	2								6	1							1	5
Wood	4	4								4									4
Wyandot	3	1								4	1							1	3
Total	1,137	490	71	1	8	141	1		6	1,855	548	38	1	5	2	3	24	621	1,234

CRIMES FOR WHICH PRISONERS WERE RECEIVED.

Assault to kill	4	Illegal voting	1
Attempt to pass articles into jail	1	Juvenile delinquency	4
Assault to rob	17	Larceny	70
Assault to rape	7	Manslaughter	10
Arson	3	Obtaining money by false pretense	1
Abandonment	9	Pocket picking	10
Burglary	212	Perjury	2
Breaking and entering	7	Rape	16
Bigamy	3	Robbery	59
Burglarizing an inhabited dwelling	4	Receiving stolen property	10
Carrying concealed weapons	20	Shooting to kill	7
Cutting to kill	5	Shooting to wound	6
Cutting to wound	9	Sodomy	1
Embezzlement	4	Violating auto law	15
Entering to commit felony	3	Passing obscene literature	1
Forgery	31		
Horse Stealing	6	Total	559
Incest	1		

CLASSIFIED AS FOLLOWS.

Crimes against public justice	25	Fraud	6
Crimes against property	325	Forgery and counterfeiting	31
Crimes against persons	142		
Crimes against chastity	30	Total	559

THE OHIO PENITENTIARY

STATEMENT OF PRISONERS RECEIVED, DISCHARGED AND REMAINING FROM NOVEMBER 16, 1914, TO JUNE 30, 1915.

Official count November 16, 1914	1,655
Received from courts	646
Received from Ohio State Reformatory	19
Parole violators returned	18
Probation violators brought in	23
Conditional pardon violator returned	1
Institutional parole violators returned	7
Returned from Columbus State Hospital	4
Returned for hospital treatment—temporary	1
	719
Total	2,374
Discharged by expiration of sentence	105
Pardons granted	24
By commutation of sentence	22
By order of courts	3
By order Governor Cox	5
By provisions section 2,195 (School Code)	2
By order O. B. A.—(Final release)	62
By order O. B. A.—(Restored to probation)	5
By order O. B. A.—(Restored to parole)	3
New paroles	206
Temporarily in hospital released to parole	1
Transferred to Columbus State Hospital	4
Electrocuted	2
Died	6
Institutional parole violators	17
	467
Official count June 30, 1915	1,907

POPULATION.

Number of Prisoners June 30, 1915	1,907
Average Population for seven and one-half months, period ending June 30, 1915	1,781
Average Population for year ending—	
November 15, 1914	1,628
November 15, 1913	1,628
November 15, 1912	1,586
November 15, 1911	1,594
November 15, 1910	1,634
November 15, 1909	1,661
November 15, 1908	1,612
November 15, 1907	1,565
November 15, 1906	1,608

THE OHIO PENITENTIARY—Continued.

POPULATION—Concluded.

Average Population for year ending—Concluded.

November 15, 1905	1,591
November 15, 1904	1,554
November 15, 1903	1,557
November 15, 1902	1,689
November 15, 1901	1,681
November 15, 1900	1,831
Received during the seven and one-half months ending June 30, 1915.....	719
Discharged during the seven and one-half months ending June 30, 1915....	467
Highest daily count, seven and one-half months ending June 30, 1915.....	1,907
Lowest daily count, seven and one-half months ending June 30, 1915.....	1,660
Number females in prison June 30, 1915.....	44
Last serial number.....	43,800

PRISONERS PAROLED.

Nov. 16, 1914, to June 30, 1915.

Number on parole November 16, 1914	158
Number paroled November 16, 1914, to June 30, 1915.....	206
Number restored to parole, same time	3

Total	367
-------------	-----

Discharged by expiration of sentence or given Final release by order

O. B. A. from November 16, 1914 to June 30, 1915	59
Died, during same period	5
Declared violators and returned	18
Declared violators and still at large	11
Number on parole June 30, 1915.....	274

Total	367
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PRISONERS PAROLED SINCE 1885.

Number paroled prior to November 16, 1914.....	2,452
Number paroled November 16, 1914, to June 30, 1915.....	206
Restored to parole November 16, 1914, to June 30, 1915	3

Total	2,661
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Discharged prior to November 16, 1914.....	1,747
Discharged from November 16, 1914, to June 30, 1915.....	59
Pardoned or commuted by Governor	93
Died	71
Refused to accept parole.....	5
Voluntarily returned to prison	2
Paroled but failed to qualify	2
Declared violators of parole and returned	256
Declared violators of parole still at large	152
Number on parole June 30, 1915.....	274

Total	2,661
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THE OHIO PENITENTIARY—Continued.

PROBATIONS.

November 16, 1914, to June 30, 1915.

Number on probation Nov. 16, 1914	195
Certified to probation to June 30, 1915	158
Restored to probation to June 30, 1915.....	5
Total	358
Discharged or given final release by O. B. A.	105
Returned for violation of probation.....	23
Declared violators and still at large	14
Number on probation June 30, 1915.....	216
Total	358

THE OHIO PENITENTIARY—Concluded.

PRISONERS RECEIVED FROM EACH COUNTY

November 16, 1914, to June 30, 1915 (Inclusive).

	November 16 to December 15, 1914.	December 16 to January 15, 1915.	January 16 to February 15, 1915.	February 16 to March 15, 1915.	March 16 to April 15, 1915.	April 16 to May 15, 1915.	May 16 to June 15, 1915.	June 16 to June 30, 1915.	Total.		November 16 to December 15, 1914.	December 16 to January 15, 1915.	January 16 to February 15, 1915.	February 16 to March 15, 1915.	March 16 to April 15, 1915.	April 16 to May 15, 1915.	May 16 to June 15, 1915.	June 16 to June 30, 1915.	Total.
Adams	6	1	6	1	1	1	1	2	17	Licking	1	1	2	..	4	..	8	..	8
Allen	..	..	..	..	..	..	..	..	..	Logan	..	..	..	..	..	..	..	..	..
Ashland	..	..	..	..	..	..	..	..	..	Lorain	1	3	4	1	1	..	17	..	17
Ashtabula	..	..	3	1	..	..	..	7	7	Lucas	14	4	2	4	7	6	8	4	48
Athens	..	1	3	2	..	..	..	8	8	Madison	1	..	2	2	1	1	..	4	4
Auglaize	..	..	1	4	..	4	..	5	5	Mahoning	..	4	11	1	3	3	7	29	29
Belmont	3	..	2	4	..	9	4	22	22	Marion	2	1	..	..	..	..	1	3	3
Brown	..	..	..	..	..	..	..	..	..	Medina	..	..	..	..	..	..	..	..	..
Butler	4	3	..	1	1	..	..	9	9	Melgs	..	..	..	..	..	..	..	..	..
Carroll	..	..	..	..	..	..	..	..	..	Mercer	1	..	1	..	3	..	7	7	7
Champaign	1	..	..	..	..	..	..	1	1	Miami	..	..	..	..	..	2	..	6	6
Clark	5	2	..	1	4	1	..	13	13	Monroe	..	..	..	..	..	..	..	..	..
Clermont	1	..	..	..	..	..	..	1	1	Montgomery	..	2	2	1	..	3	..	8	8
Clinton	2	1	..	..	1	1	..	5	5	Morgan	..	..	..	..	..	..	..	..	..
Columbiana	1	..	..	..	..	..	..	2	2	Morrow	..	..	..	..	..	..	..	..	..
Coshocton	..	..	..	..	3	1	..	6	6	Muskingum	..	1	3	1	..	1	1	7	7
Crawford	..	..	..	..	..	..	..	..	..	Noble	..	..	..	..	..	..	..	..	..
Cuyahoga	12	3	8	10	9	15	15	79	79	Ottawa	..	..	1	1	..	..	..	2	2
Darke	..	..	..	..	..	..	..	2	2	Paulding	..	..	1	1	..	..	..	2	2
Defiance	..	1	..	..	2	..	..	3	3	Perry	1	..	1	..	..	..	..	2	2
Delaware	..	..	..	..	..	..	..	..	..	Pickaway	..	..	..	..	..	..	..	..	..
Erie	2	..	..	2	1	2	..	8	8	Pike	1	..	..	..	..	..	..	1	1
Fairfield	1	1	2	..	1	1	..	6	6	Portage	..	..	1	1	2	..	..	4	4
Fayette	..	1	..	..	1	..	..	2	2	Preble	..	..	1	..	..	..	..	1	1
Franklin	1	18	6	6	17	12	7	67	67	Putnam	..	3	..	1	..	2	6	6	6
Fulton	..	2	..	..	..	1	1	3	3	Richland	2	1	..	..	1	..	4	4	4
Gallia	1	..	2	5	..	1	..	9	9	Ross	4	1	1	..	1	2	9	9	9
Geauga	..	1	..	..	..	..	..	1	1	Sandusky	1	..	..	..	1	..	3	3	3
Greene	3	..	..	3	2	..	..	5	5	Scioto	2	2	2	..	2	..	7	7	7
Guernsey	..	..	..	..	..	..	..	4	4	Seneca	..	..	4	..	..	1	9	9	9
Hamilton	2	12	21	9	12	5	6	59	59	Shelby	1	2	..	..	1	..	3	3	3
Hancock	..	..	..	..	..	1	..	3	3	Stark	..	..	4	4	1	2	8	8	8
Hardin	..	..	..	..	..	1	..	1	1	Summit	18	6	4	7	4	2	4	46	46
Harrison	..	..	..	..	..	..	..	..	..	Trumbull	1	1	1	..	..	..	7	7	7
Henry	..	1	..	..	2	..	..	3	3	Tuscarawas	1	2	2	..	2	..	4	4	4
Highland	..	..	..	..	..	..	..	..	..	Union	..	..	1	1	1	2	4	4	4
Hocking	..	..	..	..	..	..	..	..	..	Van Wert	2	..	1	..	..	1	4	4	4
Holmes	..	..	..	1	1	..	..	2	2	Vinton	..	..	..	..	1	..	1	1	1
Huron	..	..	..	1	1	..	..	2	2	Warren	..	1	..	..	..	..	1	1	1
Jackson	..	3	..	..	1	1	5	5	5	Washington	..	3	7	1	1	1	2	15	15
Jefferson	1	1	..	2	6	..	10	10	10	Wayne	..	..	1	1	..	..	2	2	2
Knox	..	1	2	1	1	..	5	5	5	Williams	..	..	1	1	1	1	3	3	3
Lake	1	1	..	..	..	..	2	2	2	Wood	..	1	..	1	..	..	2	2	2
Lawrence	4	1	2	1	..	1	1	10	10	Wyandot	..	..	..	..	..	..	..	..	..
Total	687	687	687	687	687	687	687	687	687										

INSTITUTION OHIO SOLDIERS' AND SAILORS' ORPHANS' HOME

REPORT OF THE BOARD OF TRUSTEES.

This report covering the actions of the Board of Trustees and the conduct of the general and executive affairs of the Ohio Soldiers' and Sailors' Orphans' Home, from November 15, 1914, to June 30, 1915, is rendered necessary at this time by section 260 of the Statutes of Ohio.

The report of Superintendent Joseph P. Elton, with various exhibits thereto attached, are herewith submitted after approval and adoption as a part of this report as if written herein.

As required by law, we include herein a statement of all contracts entered into and the amounts expended thereunder during the period covered by this report.

November 21, 1914, contract with Ignatz Schnable & Co., of Dayton, Ohio, for stuccoing the nursery building at the rate of 90 cents per square yard. Amount expended, \$548.80.

January 16, 1915, contract with The D. A. Ebinger Sanitary Mfg. Co., of Columbus, Ohio, for equipment for outside toilet for \$700.00.

January 16, 1915, contract with The D. A. Ebinger Sanitary Mfg. Co., of Columbus, Ohio, for equipment for toilet for nursery building for \$275.00.

December 19, 1915, agreement entered into between the city of Xenia, Ohio, and the Board of Trustees of the Ohio Soldiers' and Sailors' Orphans' Home for the connection of the sewer system of the nursery building with the sewer system of the city of Xenia, upon the payment of seventy-five (\$75.00) dollars and further payment annually of twenty (20) cents per capita for the average number of inmates of said nursery. Amount expended to date \$75.00.

By virtue of appointment by your excellency, General Wm. V. McMaken and Captain A. S. Frazer assumed the duties of trustee at the regular meeting of this board March 20, 1915. General McMacken for the term ending April, 1919, vice Frank M. Allen whose term expired. Captain Frazer for the term ended April, 1915, and subsequently appointed for the full term ending April, 1920, vice Harry S. Quine.

In conformity with House Bill No. 144, passed March 8, 1915, the trustees invited the ex-pupils to hold their annual reunion of 1915, on July 6, 7 and 8. The passage of this act was a relief to the Board of Trustees and management of the home, as well as a gratification to all ex-pupils, as it placed the right to entertain on the one hand, and to visit their old home on the other, beyond question.

In view of this act, the coming reunion for 1915 is looked forward

to by all concerned with anticipations of great pleasure and enjoyment, and the Board of Trustees do hereby extend to yourself, and to both houses of the legislature, as well as to all others connected with the introduction and passage of said act our most sincere thanks.

We, as a Board of Trustees, have no hesitancy in stating that conditions at the home have never been better than at present. Under the watchful and careful supervision of Mr. Joseph P. Elton, superintendent, and Mrs. Margaret McL. Elton, matron, the interest of the children have been faithfully protected and their moral, mental and physical welfare carefully guarded and fostered.

The meetings of the board have been well attended, a quorum always being present at its regular sessions and its business transacted with perfect harmony and earnest attention given to the comfort and welfare of the children and employes, while the interests of the state have been most carefully guarded.

A thorough and systematic method of competitive bidding in the purchase of supplies has been faithfully adhered to with the most satisfactory results as is evidenced in the financial portions of the superintendent's report.

To the children, the most joyous day of the year is Christmas and as customary the Grand Army of the Republic, the Woman's Relief Corps, the United Spanish War Veterans and their auxiliary, the Sons of Veterans and their auxiliary and the Ladies of the Grand Army of the Republic saw that the Christmas of 1914 was no exception to the rule. With many presents and abundant good cheer they added much to the happiness of the children in a way that tells for joyous memories and lasting good.

To these patriotic organizations and their representatives the board extends, on behalf of the children, the most sincere thanks.

In conclusion the board desires to express its gratification for the interest you have shown, as governor, in this institution and trust you may be able to soon learn from personal observation of the methods by which an endeavor is here made to make good Christian men and women of the children of patriotic fathers.

INSTITUTION OHIO SOLDIERS' AND SAILORS' ORPHANS' HOME—Continued.

TABLE SHOWING CONDITIONS OF VARIOUS APPROPRIATIONS AVAILABLE FOR THE PERIOD BEGINNING OCTOBER 15, 1914, AND ENDING JUNE 30, 1915.

Name of Appropriation.	Balance Nov. 15, 1914.	Received from Sales.	Appropriation During Period.	Total Available.	Amounts Drawn Out.	Lapsed.	Balance June 30, 1915.
Current expense.....	\$909 68	\$214 25	.....	\$1,123 93	\$1,012 85	.....	\$111 08
Furniture and carpets.....	23 65	.....	.....	23 65	23 55	.....	10
Industrial pursuits.....	1,296 15	.....	.....	1,296 15	427 06	\$800 00	69 09
Salaries of foremen, etc.	05	.....	.....	05	.....	05	.....
Support of orphans outside	1,762 20	.....	.....	1,762 20	95 20	1,667 00	.....
Personal service.....	40,126 71	.....	\$32,057 00	72,183 71	55,136 14	13,700 00	3,347 57
Maintenance	55,998 01	.....	39,127 95	95,125 96	82,852 96	.....	12,273 00
Insurance	187 60	.....	.....	187 60	131 00	.....	56 60
Total	\$100,304 05	\$214 25	\$71,184 95	\$171,703 25	\$139,678 76	\$16,167 05	\$15,857 44

INSTITUTION OHIO SOLDIERS' AND SAILORS' ORPHANS' HOME—Concluded.

TABLE SHOWING AVERAGE DAILY ATTENDANCE, EXPENDITURES AND PER CAPITA.

Purpose.	Expenditures.	Per Capita.
A-1 Salaries	\$52,079 87	\$79 88
A-2 and B-1 Wages.....	1,613 59	2 47
A-3 Unclassified	1,442 68	2 21
C-1 Food supplies.....	42,103 54	64 58
C-2 Forage and veterinary supplies.....	2,264 94	3 49
C-3 Fuel supplies	10,318 96	15 82
C-4 Office supplies	184 15	28
C-5 Medical and surgical supplies.....	146 79	23
C-6 Laundry, cleaning and disinfecting supplies.....	1,640 26	2 52
C-7 Refrigerating supplies	79 56	12
C-8 Educational and recreational supplies.....	556 77	86
C-9 Botanical and agricultural supplies.....	451 32	69
C-11 General plant supplies.....	1,282 89	1 97
D-2 Building materials	1,002 82	1 54
D-3 General plant materials.....	2,672 13	4 10
E-1 Office equipment	10 28	02
E-2 Household equipment	2,766 10	4 24
E-3 Medical and surgical equipment.....	33 00	05
E-5 Motorless vehicles and equipment.....	7 50	01
E-7 Wearing apparel	7,299 20	11 19
E-8 Educational and recreational equipment.....	431 35	66
E-9 General plant equipment.....	923 57	1 41
F-1 General repairs.....	67 85	10
F-6 Transportation	650 99	1 00
F-7 Communication	129 56	20
F-8 General plant service appropriation 1914.....	1,173 05	1 80
F-9 General plant service appropriation 314.....	95 13	14
F-9 Contingencies appropriation 1914.....	65 00	10
F-10 Construction and betterments.....	8,047 10	12 34
G-2 Insurance appropriation 1914.....	131 00	20
H-6 Insurance appropriation 314.....	7 81	01
Total	\$139,678 76	\$214 23

Average daily attendance of children..... 652

STATE EDUCATIONAL INSTITUTIONS

Ohio State University.

Ohio University.

Miami University.

State Normal School (Kent).

State Normal School (Bowling Green).

Wilberforce University.

(255)

THE OHIO STATE UNIVERSITY

ENROLLMENT.

Summary of enrollment and of degrees granted for the year ending June 30, 1915:

Graduate school.....	185	185
College of Agriculture—		
Undergraduates (Agriculture, Horticulture, Forestry, degree courses).....	762	----
Undergraduates (Home Economics, degree course).....	236	----
Undergraduates (two-year certificate courses).....	62	----
Undergraduates (three year certificate course).....	156	1,216
College of Arts, Philosophy and Science.....	----	1,078
College of Dentistry.....	----	126
College of Education.....	----	416
College of Engineering—		
Undergraduates (degree courses).....	845	----
Undergraduates (certificate courses).....	22	867
College of Homeopathic Medicine.....	----	46
College of Law.....	----	212
College of Medicine.....	----	231
College of Pharmacy.....	----	94
College of Veterinary Medicine.....	----	185
Optometry.....	----	11
Total.....		4,667
Names counted twice.....		70
Net total (Academic year).....		4,597
Summer Session 1914—		
Graduate School.....	127	----
College of Agriculture.....	84	----
College of Arts.....	223	----
College of Education.....	296	----
Arts—Education.....	10	----
College of Engineering.....	170	----
College of Pharmacy.....	10	----
College of Veterinary Medicine.....	6	----
		926
Lake Laboratory 1914.....	----	14
Winter Course in Agriculture, 1915.....	----	187
Total.....		5,724
Names counted twice.....		392
Grand net total for year.....		5,332

DEGREES.

At the commencement held on June 16, 1915, the university granted a total of 834 degrees. These were distributed as follows:

Graduate School	67
College of Agriculture	190
College of Arts, Philosophy and Science	154
College of Dentistry	32
College of Education	65
College of Engineering	108
College of Homeopathic Medicine	18
College of Law	24
College of Medicine	44
College of Pharmacy	7
College of Veterinary Medicine	48
Total	757

In addition to the degrees granted, certificates for the completion of courses not leading to degrees were granted as follows:

College of Law	18
College of Pharmacy	23
Total	41
Degrees granted during present academic year	36
Total number of degrees and certificates granted for the year ending June 30, 1915	834

SUMMER SESSION 1915.

Following the usual custom the report for the summer session of 1915 is given because the report is usually written after the close of the summer session and because the statistics are desired for use during the current year.

TOTAL ATTENDANCE.

	1913.	1914.	1915.
At Columbus	673	928	1,010
At Lake Laboratory	31	14	19
Total	704	942	1,029

COLLEGIATE DISTRIBUTION

	1913.	1914.	1915.
College of Agriculture.....	53	83	105
College of Arts, Philosophy and Science.....	229	238	238
College of Dentistry.....	2	---	1
Applied Optics.....	---	16	2
Arts Education.....	---	---	35
College of Education.....	150	283	831
College of Engineering.....	134	167	141
College of Pharmacy.....	4	10	7
College of Veterinary Medicine.....	6	6	6
Graduate School.....	95	125	144
Total	673	928	1,010

OCCUPATION OF STUDENTS

	1913.	1914.	1915.
College Instructors.....	21	25	25
High School Superintendents.....	23	50	40
High School Principals.....	13	30	13
High School Teachers.....	226	310	229
College Students.....	359	420	516
Miscellaneous	---	35	26
Unclassified	31	58	141
Total	673	928	1,010

PREPARATION OF STUDENTS

	1913.	1914.	1915.
Holding Degrees.....	175	244	240
Collegiate	496	684	770
Below Collegiate.....	2	---	---
Total	673	928	1,010

COLLEGE OF AGRICULTURE.

STATISTICAL SUMMARY.

44 One Week Extension Schools—	
Average daily attendance, 103.....	4,532
39 Popular Evening Meetings in Connection With Above—	
Attendance	6,930
65 Spraying and Pruning Demonstrations—	
Attendance	2,008
24 Boys' Live Stock Judging Contests in 23 Counties—	
Number of boys participating.....	700
141 Days Coaching Boys in Stock Judging, 28 Counties Visited—	
Number of boys coached.....	7,022
40 Boys' Live Stock Judging Contests Scheduled for August and September, 1915—	
Number of boys entered and receiving systematic instruction through correspondence	3,050

82 Fertilizer Meetings on Farms, 44 Counties Visited—

Attendance	1,564
------------------	-------

Farmers' Week, February 1-5, 1915—

Attendance—

Number of counties represented	87
--------------------------------------	----

Men	1,196
-----------	-------

Women	261
-------------	-----

Total registered attendance	1,457
-----------------------------------	-------

Country Life Week, August 10-15, 1914—

Attendance—

Men	55
-----------	----

Women	12
-------------	----

Total	67
-------------	----

6 Farmers' Fall Festivals—

Attendance	3,145
------------------	-------

13 Community and Church Meetings—

Attendance	1,365
------------------	-------

12 Women's Club Meetings	420
--------------------------------	-----

6 Corn Shows	1,050
--------------------	-------

11 Domestic Contests and Exhibits.

6 Farmer Institutes—

Attendance	1,465
------------------	-------

9 Grange Meetings—

Attendance	2,325
------------------	-------

20 Trips to Farms and Orchards—

Consultation and advice.	
--------------------------	--

18 Miscellaneous Meetings	1,725
---------------------------------	-------

16 Talks Before High School Pupils—

Attendance	1,790
------------------	-------

6 School Pupils' and Parents' Meetings	550
--	-----

27 Co-operation Field Tests Conducted.

8 Counties, Cow Testing Associations Organized or Planned—

Attendance at meetings	603
------------------------------	-----

8 Townships, Wheat Crop Survey—

Estimated number of farmers questioned	1,140
--	-------

15 County Normal Schools—

Instruction in agriculture one week each.	
---	--

Daily attendance at classes, 18	260
---------------------------------------	-----

34 County Normal Schools—

Instruction in Domestic Science one week each—Two instructors.	
--	--

Daily attendance, 18	602
----------------------------	-----

10 Fruit Thinning Demonstrations—

Estimated attendance	250
----------------------------	-----

3 Concrete Finishing Demonstrations	50
---	----

91 Specimens Identified—

Plants and animals.	
---------------------	--

45 Landscape Gardening Plans—

Suggestions for improving home grounds.	
---	--

EXHIBITS.

- 8 Poultry Shows, Poultry Exhibit, Each Show Four Days—
Estimated attendance 500 per day.
- 9 County Fairs, Fair Exhibit, Each Fair Four Days—
Estimated attendance 500 per day.

COLLEGE OF ARTS, PHILOSOPHY AND SCIENCE.**ENROLLMENT.**

The college enrolled the largest number of students in its history. There were 1,078 of whom 354 were women. The enrollment for the preceding year was 952 of whom 410 were women. The increase in enrollment over the preceding year was 126. The total of 1,078 does not include 223 students of the summer session of 1914 registered as members of this college.

COLLEGE OF EDUCATION.**ENROLLMENT.**

The college enrolled 416 students, as compared with 187 during the previous year, a gain of 229, or 123 per cent. The above enrollment does not include 306 students who were registered in this college for the summer session of 1914. This great increase while undoubtedly in considerable part due to the added training demanded of teachers by the school legislation of 1914, cannot fairly be attributed to that cause alone.

GRADUATE SCHOOL.**ENROLLMENT.**

During the four years which have elapsed since the Graduate School was organized, the growth in attendance has been a gradual one, indicating a normal development. The registration for the year 1914-15 amounted to 298, distributed between the regular session and the summer session, as follows:

Regular session.....	185
Summer session.....	132
Names counted twice.....	19
Total	298

The number of degrees conferred during the year and at the regular commencement is shown in the following table:

	Ph. D.	M. A.	M. Sc.
Degrees conferred during the academic year.....	--	8	2
Degrees conferred at commencement.....	1	53	13
Total	1	61	15

COLLEGE OF VETERINARY MEDICINE.

ENROLLMENT.

The number of students in the college has been gradually growing for the past ten years. During the past academic year there was registered 190 students, candidates for degrees. Besides 150 students in agriculture and dairying having required an elective work in this college, were given instruction in the various branches of veterinary medicine. At present, while in equipment and income this college ranks fourth in the United States, in student numbers we lead. Our students come from Maine, from Oregon, from Minnesota and from Texas, a small number from South America, our island possessions and European countries. I think we can say without undue egotism that no college of our university is more widely known and better recognized.

APPENDIX.

*SHOWING THE WHOLE NUMBER OF DEGREES IN COURSE CONFERRED SINCE THE FOUNDING OF THE UNIVERSITY.

	1878	1879	1880	1881	1882	1883	1884	1885	1886	1887	1888	1889	1900	1901	1902	1903	1904	1905	1906	1907	1908	1909	1910	1911	1912	1913	1914	1915										
Bachelor of architecture.....	1	1	6	2	2	1	5	4	6	8	6	1	7	2	6	9	12	19	13	17	18	8	14	16	6	16	68	68	98	80	107	139	125	139	148	193	7	8
Bachelor of arts.....																																						
Bachelor of engineering.....																																						
Bachelor of ceramic engineering.....																																						
Bachelor of chemical engineering.....																																						
Bachelor of civil engineering.....																																						
Bachelor of electrical engineering.....																																						
Bachelor of mechanical engineering.....																																						
Bachelor of engineering in mining.....																																						
Bachelor of philosophy.....																																						
Bachelor of science.....																																						
Bachelor of science (Agr.).....																																						
Bachelor of science in biology.....																																						
Bachelor of science in chemical engineering.....																																						
Bachelor of science in chemistry.....																																						
Bachelor of science in domestic science.....																																						
Bachelor of science in education.....																																						
Bachelor of science in entomology.....																																						
Bachelor of science in forestry.....																																						
Bachelor of science in home economics.....																																						
Bachelor of science in horticulture.....																																						
Bachelor of science (H. F.).....																																						
Bachelor of science (L. Arts).....																																						
Bachelor of science (Phar.).....																																						
Ceramic engineer.....																																						
Civil engineer in architecture.....																																						
Civil engineer.....																																						
Mechanical engineer.....																																						
Mechanical engineer in electrical engineering.....																																						
Engineer of mines.....																																						
Graduate in pharmacy.....																																						
Master of pharmacy.....																																						
Doctor of civil engineering.....																																						
Doctor of veterinary medicine.....																																						
Master of arts.....																																						
Master of arts in education.....																																						

[illegible]

*Statistics given prior to 1904 cover only the degrees granted at the Commencement.

THE OHIO UNIVERSITY

Ohio University is the oldest higher institution of learning in that part of our country known as the "Old Northwest." Before Ohio was admitted to statehood the territorial legislature, in session at Chillicothe, made provision "that there shall be a university instituted and established in the town of Athens." This action bears date of January 9, 1802. The institution to be "instituted and established" was named the "American Western University."

Two years after the passage of the act referred to—Ohio having in the meantime been admitted into the Union—the state legislature re-enacted the provisions of the territorial act, with but few changes, by another act dated February 18, 1894. This latter act, which gave the name "Ohio University" to the institution to be established, has ever been regarded as the charter of Ohio University.

The institution thus provided for was opened to students in the spring of 1808, when Reverend Jacob Lindley, a Princeton graduate, was put in charge of its educational work.

The first graduates, Thomas Ewing and John Hunter, received their diplomas in 1815.

The whole number of degree graduates of baccalaureate rank, in the history of the university, is: Men, 829; women, 256; total, 1,085. The total number of different students enrolled increased from 405 in 1901 to 4,317 in 1915.

The university buildings are fourteen in number, not including five buildings occupied as residences. Conservative valuation of the property of the university is as follows: Grounds, \$541,562; buildings, \$856,000; equipments, \$211,100; total, \$1,608,662. The financial support of the university is derived from three sources, namely, the mill-tax, special appropriations, and local receipts from incidental fees, rents and interest on permanent funds forming a part of the irreducible debt of the state of Ohio. Receipts from all these sources, in 1914, amounted to \$501,106.65. Salary payments for the fiscal year ended November 15, 1914, amounted to \$160,523.81, of which amount the sum of \$129,845.00 was for teaching service exclusively.

One degree is given in the College of Liberal Arts—A. B. The degree of B. S. in education is given those who complete the four-year courses in the State Normal College. To receive either of these degrees the student must have a credit of not less than 120 semester hours based upon at least fifteen units of secondary work. Each semester covers a period of nineteen weeks and each recitation period represents fifty-five minutes of actual class-room work. The field of instruction covered is shown by the following classification of colleges and departments: Col-

lege of Liberal Arts, the State Normal College, the College of Music, the College of Oratory, the School of Commerce, the Departments of Physics and Electrical Engineering, the Departments of Mathematics and Civil Engineering, and the Departments of Drawing and Painting.

NORMAL COLLEGE COURSES.

1. Course for teachers of rural schools.
2. A two-year course in elementary education for graduates of first-grade high schools.
3. A four-year course in secondary education for graduates of first-grade high schools.
4. A four-year course in supervision for principals and superintendents.
5. A one-year course for college graduates.
6. A two-year course in the kindergarten school.
7. A two-year course in school agriculture.
8. A two-year course in manual training.
9. A two-year course in household arts.
10. A two-year course in public school music.
11. A three-year course in public school drawing.
12. A two-year course in physical education.

All courses named lead to a diploma; courses 3, 4 and 5 to a diploma with the degree of bachelor of science in education.

OHIO UNIVERSITY, ATHENS, OHIO.

SUMMARY OF STUDENT ENROLLMENT.

	1913-14	1914-15
College of Liberal Arts		
Post-Graduates	4	7
Graduating Class	52	40
Seniors	40	63
Juniors	51	44
Sophomores	114	129
Freshmen	180	156
Irregulars and Specials	171	141
	612	580
State Normal College—		
Post-Graduates	6	6
Graduating Class	32	34
Seniors	33	33
Juniors	26	51
Sophomores	155	193
Freshmen	177	350
Irregulars and Specials	64	112
State Preparatory School	172	349
	665	1,128

Summer School (Totals 1,138 and 2,404)-----	841	1,924
Total -----	2,118	3,632
Names counted more than once-----	6	3
Net Total -----	2,112	3,629
University Extension Students-----	1913-14	1914-15
(Totals 207 and 1,188) Counting only those not enrolled elsewhere -----	164	688
Grand Totals -----	2,276	4,317
Enrollment of Students for the Past Six Years—		
1909-10 1910-11 1911-12 1912-13 1913-14 1914-15		
1,597 1,787 1,832 2,037 2,276 4,317		

DEGREES AND DIPLOMAS.

Commencement Day, June 17, 1915.

Degrees	Men	Women	Total
Bachelor of Arts -----	33	18	51
Bachelor of Science -----	16	1	17
B. S. in Education -----	19	16	35
A. M. in Courses -----	5	0	5
M. S. in Courses -----	1	0	1
M. S. in Ed. in Courses -----	3	0	3
A. M. pro Honore -----	2	1	3
LL. D. pro Honore -----	4	0	4
Ped. D. pro Honore -----	5	0	5
Diplomas—			
Elementary Education -----	0	70	70
Kindergarten -----	0	6	6
Public School Drawing -----	0	9	9
Public School Music -----	0	6	6
Manual Training -----	2	0	2
Electrical Engineering -----	15	0	15
Domestic Science -----	0	37	37
Civil Engineering -----	10	0	10
College of Music -----	0	0	0
School of Oratory -----	0	2	2
Collegiate Commercial -----	6	1	7
Totals -----	121	167	288

THE MIAMI UNIVERSITY

In June, 1915, there were graduated in the four-year courses, four students with the degree B. S. in education; 61 students with the degree A. B.; in the two-year courses, 83 students with the diploma of the normal college; a total of 148. Half of the graduates in the arts course are teaching and nearly all of the others.

The most noteworthy event of this period was the bequest in the will of Mrs. Laura Louise Ogden Whaling, of Cincinnati, of \$250,000 to erect a dormitory for men on the campus; of \$10,000 to endow the dormitory; of \$10,000 for a students' loan fund, and half of the residue of her estate as an endowment of the university. This very generous bequest was made as a memorial to Mrs. Whaling's brother, Dr. George C. Ogden, a graduate of Miami in the class of 1863. The funds under this bequest will be available after June 10, 1916, when the trustees named in the will will proceed with the erection of the dormitory. The endowment will not be available in all probability until some real estate is sold, some time within the next three years.

During the period of this report we have spent \$237,864.52, of which \$61,517.89 was for buildings and large improvements. The work of erecting the north pavilion of the normal college building progressed very rapidly during this period. The building was completed in September last and is now in use. The heating and lighting plant was enlarged and some much needed walks and drives were built.

ENROLLMENT.

The enrollment is shown in detail, with the enrollment for several years past, in the registrar's report. There has been an increase in the enrollment for the college year of 26, or four per cent.; a loss of 17 in the arts college, a gain of 15 in the candidates for the degree B. S. in education, and a gain of 28 in the normal college. A further analysis shows in the arts college a gain of 12 men and a loss of 29 women. The freshman arts class shows a loss of one man and 14 women. The freshman normal class shows a gain of six men and 44 women. The new course, established last fall, leading to the degree bachelor of science in education, will temporarily grow at the expense of the college of arts, but the natural growth of the arts college will in my judgment about keep pace with the growth of this new course. Comparing the enrollment in four-year degree courses this year with the same enrollment for last year, we find 402 against 404.

The total enrollment for the college year was 664, 302 men and 362 women, a gain of 14 men and 11 women.

The enrollment for the past three years has been as follows, each year counting from September 15 to April 1, together with those who attended the summer terms of each year:

	1912-13	1913-14	1915-16
Liberal Arts College.....	354	404	387
Ohio State Normal College.....	228	234	267
B. S. in Education.....	---	---	15
Total Collegiate Year.....	582	638	664
Summer terms.....	629	551	1,281
Total enrollment.....	1,211	1,189	1,945
Total on 36 weeks basis.....	687	730	877
Deducting students present in summer terms and enrolled in other departments.....	59	60	158
Total different students enrolled.....	1,152	1,129	1,787

The enrollment for 1914-15 is as follows:

ARTS COLLEGE.

	Men	Women	Total	Totals
Graduate Students	1	2	3	---
Seniors	37	26	63	---
Juniors	44	22	66	---
Sophomores	71	30	101	---
Freshmen	110	34	144	---
Irregulars	5	5	10	---
	268	119	387	387

CANDIDATES FOR B. S. IN EDUCATION.

	Men	Women	Total	Totals
Seniors	2	---	2	---
Juniors	3	---	3	---
Freshmen	4	6	10	---
	9	6	15	---

NORMAL COLLEGE.

	Men	Women	Total	Totals
Sophomores	6	89	95	---
Freshmen	19	148	167	---
	25	237	262	262
Total for year.....	302	362	664	664

Summer Term—				
First Session.....	280	851	1,131	---
Second Session.....	87	63	150	---
	367	914	1,281	1,281
				1,945
Names repeated.....	94	64	158	158
Total different students enrolled.....				1,787

DEGREES AND DIPLOMAS.

The following degrees and diplomas have been conferred during the past three years:

Honorary Degrees—				
	1911-12	1912-13	1913-14	
Doctor of Laws (LL. D.).....	2	2	1	
Doctor of Divinity (D. D.).....	---	1	1	
Doctor of Pedagogy (Ped. D.).....	1	1	1	
Degrees in Course Arts College—				
Master of Arts (A. M.).....	1	---	1	
Bachelor of Arts (A. B.).....	77	56	79	
Diplomas—				
Ohio State Normal College.....	56	62	95	
Bachelor of Science in Education.....	---	1	2	

STATE NORMAL SCHOOL—Kent

ORGANIZATION.

The board of trustees, appointed by the governor, organized May 31, 1911, and at a meeting, July 17, 1911, elected the president of the school, the appointment being required at this time by the act of the legislature in order that he might advise with the architect concerning building plans.

BUILDINGS.

With the initial appropriation of \$150,000 two buildings were erected: The women's dormitory, with rooming accommodations for seventy students and dining room capacity for four hundred and twenty, and the administration building. The corner stone of the administration building was laid June 18, 1912, and regular class work began May 19, 1913, with an enrollment of 292 for the first summer session.

Since our first report to the governor was made two years ago many things have been accomplished. Two large buildings for which the legislature of 1913 appropriated \$230,000 are now in process of erection, and will be completed and ready for use by the opening of the summer school in June.

No attempt was made in planning the administration building to provide for auditorium, library, gymnasium, training school or laboratory science. The auditorium, the central building of the group of three, provides for the general offices, a library with stack room for 50,000 volumes and reading rooms to accommodate one thousand students, as well as for an auditorium seating sixteen hundred. A building will be devoted half to the laboratory sciences, domestic science and manual training, and half to the training school.

GROUND.

A topographical survey of the grounds has been completed by a capable landscape architect, who has laid out the walks and driveways for immediate use and future development. He has prepared plans for the location of the power plant and the addition of all necessary new buildings in the future development of the school; thus the building scheme will follow an orderly plan from the beginning, eliminating the element of accident in the location of buildings. In this way, the beauty and usefulness of the school site, one of the best in the state, will be preserved and improved.

The legislature appropriated the sum of \$99,910 for a heating plant and equipment. This will be sufficient to erect a heating and power plant not only to take care of the four buildings already provided but for all future growth of the institution. The plans and specifications for the heating plant have been completed and it is expected that it will be in operation by October of this year.

A small beginning has already been made with the walks and driveways. A brick driveway 2,200 feet long giving access to the buildings now in use, to serve as the main roadway in the system to be established gradually as additional appropriations are available, has been completed. A six-foot sidewalk, 1,044 feet in length, along the main street frontage of the campus, has been laid. Additional walks through the grounds are yet to be provided. A small sum for this purpose has been included in the budget covering the next two years and it is hoped that the legislature will grant this request.

ENROLLMENT.

Summer School, 1913.....	291
For the year 1913-1914—	
Fall, Winter and Spring Terms.....	270
Extension Classes.....	1,611
Training School.....	160
Summer School, 1914.....	1,380
For the year 1914-1915—	
Fall and Winter and Spring Terms.....	535
Teachers' College—Four-year course, Degree B. S. in Education	15
Normal School—Two-year State Diploma.....	348
Extension Classes (to February 15).....	1,175
Training School.....	181

The present enrollment of students in residence is more than twice as large as last year and the summer term 1914 enrolled nearly five times as many as in 1913. This rapid growth must continue to meet the requirement of normal school training for all teachers as outlined in the new school code. The rate of increase in the enrollment for 1914-15 over that of 1913-14 is 1.981. This rate of increase continued for another year would give an enrollment for 1915-16 of 1,060, exclusive of the summer school. The last summer school enrolled 1,380. The coming summer school will far surpass this number.

AGRICULTURE.

The school maintains a farm of 25 acres but partially equipped for educational work in agriculture. There is a good farm house and a barn upon which much repair work must yet be done in order to make it suitable for the work in view.

REPORT OF BOWLING GREEN STATE NORMAL COLLEGE

HISTORY.

In 1910 the general assembly passed an act authorizing the governor to appoint a commission to locate two new normal schools, one in northeastern Ohio and one in northwestern Ohio. This commission chose Bowling Green as the location of the school for northwestern Ohio. On June 30, 1911, the board of trustees, appointed by the governor, organized, and on February 16, 1912, elected the president of the college. A general building plan was adopted and with the initial appropriations of \$150,000, the board proceeded with the construction of the central feature of the plant—the Administration Building. In 1913 the general assembly appropriated \$41,000 for enlarging the auditorium and gymnasium in the Administration Building, and \$218,000 for the erection of a dormitory for women, science building and heating plant. Other available funds were added to the appropriation for the heating plant, making a total cost of this building and equipment \$48,175. In 1915, \$100,000 was appropriated for a training school building. The plans and specifications for this building are well under way, and it is the intention of the board of trustees to proceed with actual building operations at an early date. The dormitory for women was opened at the beginning of the summer session in June, 1915, and the Administration Building and heating plant will be ready for use in September, 1915. Rapid progress is being made on the Science Building, and it should be completed by the middle of the next academic year.

On September 15, 1914, the college opened in temporary quarters with a faculty of fifteen members, including four critic teachers. During the year 1914-1915 a branch school was conducted in Toledo, the city training school having been discontinued. The initial enrollment was 158, and the total enrollment from September to June exceeded 300 different students. During the first semester of the year 1914-1915, two members of the faculty were assigned to extension work and gave courses in twenty-four centers, which were attended by over five hundred teachers. Other members of the staff of instructors gave Saturday courses in Bowling Green and Toledo, which were largely attended by teachers in service.

FUNCTION AND SCOPE OF THE NORMAL COLLEGE.

The function of the college is the training of teachers. It aims to provide both academic and professional instruction for elementary, sec-

ondary, and special teachers. In order to furnish adequate training for all classes of teachers, the following courses are maintained:

1. A one-year professional course for college graduates.
2. Four-year courses leading to the B. S. degree in education for supervisors, superintendent, principals and teachers in secondary schools.
3. A two-year diploma course for grade teachers in city and village schools, permitting emphasis on primary or grammar grade work in accordance with the needs of the teachers.
4. A two-year diploma course for rural teachers.
5. A two-year diploma course for teachers of each of the following special subjects: Agriculture, Industrial Arts, Home Economics and Music.
6. A one-year course for rural teachers.

The one-year course for rural teachers is offered in order to render service to students who wish to begin teaching in rural schools after one year's preparation. The work in this course is credited in full on the regular two-year diploma course for rural teachers.

Special attention is called to the fact that the completion of any diploma course entitles a student to a four-year provisional certificate and, after two years' successful experience in teaching, to a state life certificate to teach in elementary schools or to teach a special subject; and the completion of a degree course entitles a student to similar grades of certificates to teach in high schools.

EXTENSION DEPARTMENT.

The college, that its instruction may not be confined within its own walls, that it may serve as generously as possible, the people who support it, that it may in turn gain much from a vital contact with the people, maintains an extension department whose specific purpose it is to serve the needs of the teachers in northwestern Ohio.

It is a well recognized fact that the most useful training a teacher can secure is that obtained in connection with his daily work. The teachers have not been slow to see the advantages of training of this sort. During the first half of the year 1914-1915, this school had two instructors in the field who organized twenty-four centers with a total enrollment of more than five hundred students. The general assembly having failed to make any appropriation for extension work for the period beginning February 15, 1915, and ending June 30, 1915, the institution was compelled to discontinue this service for the second semester of the year.

The extension work as conducted by this school is not an entertain-

ment; it is not a series of lectures; it is the usual classroom work brought to the community by men in the employ of the school who have been selected especially for this type of work. Students enrolling in these courses are expected to do the usual work in the way of preparing lessons, collateral reading, preparing papers, etc.

TRAINING SCHOOL.

The normal college maintains a training school of six grades which, for this year, was housed in one of the public school buildings of Bowling Green. At the beginning of next year the training school will be located in the Administration Building. In addition, a plan is being worked out for using the entire city school system for practice work, thus affording unusually favorable conditions for the training of teachers. The six grades maintained by the college are in the care of experienced critic teachers, and the work of the entire school is under the supervision of a regular member of the faculty especially selected because of his fitness for this work. For those preparing to become teachers in rural schools, a model rural school will be established soon for practice and observation. These arrangements will give the college direct supervision over the work of a sufficiently large number of pupils to insure adequate opportunity to do the required amount of practice teaching—a condition which is of vital importance to the welfare of any institution which undertakes the training of teachers.

THE SUMMER SCHOOL.

During the summer of 1915 the college maintained a summer school consisting of two terms. The first session, extending from April 26 to June 18 enrolled 130 students, a number of whom remained for the work of the second session. The enrollment for this second, or regular session was 615, and arrangements were made to accommodate the school in the new \$120,000 high school building of Bowling Green. In addition to the regular faculty fifteen instructors from various institutions of recognized standing assisted with the work.

SUMMARY OF ATTENDANCE FOR THE SCHOOL YEAR 1914-1915.

The following summary of attendance for the school year 1914-1915 will correctly show attendance in the various departments of work undertaken by the college:

Seniors, two-year course	35
Other students	269
Saturday classes at the college	78
Summer school, 1915	615
Extension classes	520
Training school	145
 Total	 1,662
Training school and names repeated	234
 Net total	 1,428

THE LIBRARY.

During the first part of the year, a collection of over 1,000 volumes of reference material was purchased, and a reading room was opened and put in charge of instructors and student assistants. Later on Miss Marie E. Simpson, who has had special training in library economy and wide experience as a librarian, was placed in charge of the library. A total of more than 6,000 additional volumes and 85 periodicals have been ordered and will be available at the opening of the new school year. It is planned to make as large additions to the library next year as our funds will allow.

LEGISLATIVE APPROPRIATIONS.

Owing to the fact that the end of the state fiscal year was changed this year from February 15 to June 30, the unexpended balance, amounting to \$11,057.98, was lapsed on February 15, and appropriations were made by the general assembly for the remainder of the fiscal year as follows:

Personal service	\$15,533 27
Supplies	3,336 35
Materials	89 50
Equipment	16,000 00
Contract and open order service	1,825 00
Additions and betterments	1,882 50
 Total	 \$38,666 62

The appropriations for the year 1915-16 for this institution as carried by House Bill No. 701 are:

Personal Service	\$57,910 00
Supplies	7,756 00
Materials	200 00

Equipment	\$21,650 00
Contract and open order service.....	6,575 00
Additions and betterments	19,625 00
Fixed charges and contributions	50 00
Total	\$110,766 00

For the year 1916-17, the legislative appropriations are as follows:

Personal service	\$63,540 00
Supplies	5,930 00
Materials	140 00
Equipment	4,300 00
Contract and open order service	6,500 00
Additions and betterments	86,525 00
Fixed charges and contributions	50 00
Total	\$166,985 00

CO-OPERATION WITH OTHER INSTITUTIONS.

During the year an important step was taken by the state supported institutions of higher learning in the direction of unifying and standardizing their work. The movement resulted in the adoption of standards for entrance requirements, amount of professional work in the two-year and four-year courses for the training of teachers, and the total requirement for graduation from the two-year course. Members of the board of trustees and the president of the college participated in the different joint conferences that were held, and were in full accord with the movement.

CONCLUSION.

Building and equipping a new educational institution on a scale such as has been undertaken in this case is a gigantic task. The selection of a faculty, the organization of courses of study, the housing and oversight of a body of students, and the development of a school policy are no less important undertakings. It is believed that substantial progress has been made along all these lines this year, and with the prospect of occupying two of the new buildings at the opening of the next year, the outlook for more rapid development during the coming year is most promising. With the united efforts of trustees, faculty and students, the normal college cannot fail to merit a place among the foremost institutions in the country for the training of teachers.

FINANCIAL STATEMENT FOR THE BOWLING GREEN STATE NORMAL
COLLEGE FOR THE FISCAL YEAR 1914-1915.

1. Department balance June 30, 1914.....	\$400,601 36
2. Emergency allowances between July 1, 1914, and Feb. 16, 1915..	-----
3. Appropriated receipts between July 1, 1914, and Feb. 16, 1915..	-----
4. Lapsed Feb. 15, 1915	\$12,092 05
5. Appropriated Feb. 16, 1915, to June 30, 1915 ----	39,430 62
6. Lapsed June 30, 1915	2,024 65
7. Total funds available	440,031 98
8. Total Lapses	14,116 70
9. Total Expenditures	425,915 28
10. Land and building funds expended during year	
{ \$201,888.02 expended }	
{ \$102,009.36 contract }	303,897 38
11. Total current expenditures	
{ \$63,387.30 expended	
{ \$58,630.60 outstanding orders }	122,017 90

REPORT OF WILBERFORCE UNIVERSITY

Because of the rapidly increasing complexity of our civilization the trend of education is unmistakably and at the same time unavoidably vocational.

The institutions established in the interest of general education and efficient citizenship must attempt, by every possible process, to fit those who enter them to so equip themselves that they may go forth prepared for useful, intelligent co-operation in the world's work. An honest, intelligent electorate, composed of socially and industrially competent individuals, is the only guarantee of the perpetuity of a republic.

Whatever may be the privilege and prerogative of private institutions, the first duty of public educational institutions is to train efficient citizens, capable of accepting the trust committed by the past, and transmitting the state, so received, improved and enlarged to the next generation.

By its constitution and character this department is prepared to render large service to the members of the advancing generations, by a training calculated to increase their efficiency, enhance their value to themselves, and render them a more valuable asset to the state and nation. No stronger reasons for the existence, maintenance and development of the combined normal and industrial department could be produced than those found in the report of the Congressional Commission on National Aid to Vocational Education (63d Congress, 2d Session, Document No. 1004), and Ohio should congratulate herself on having this institution established in the advance line of modern education. If vocational training is needed by the great mass of American citizens to raise them above the level of want, how much more is it needed by a class of people whose economic opportunities are particularly limited and circumscribed.

In pursuance of the policy adopted by the board, 1913, and endorsed by the state office of education and legislature of 1914, rapid strides are being made to establish in this department one of the most efficient aids to the state in raising to a higher level that portion of Ohio citizenship within the circle of the department's influence.

To accomplish appreciable advance in educational work, a competent and adequate faculty is the first essential, which must include expertness in every branch of the work, physical, cultural, vocational, moral.

The number of instructors now giving time entirely to normal work has been increased in harmony with recommendations of the office of Superintendent of Public Instruction, and the work of this department made to conform to standard requirements.

The department was established in 1887 and reorganized in 1896.

In 1911 the normal course consisted of four years of work above the common schools. In this four-year course the pupil pursued his secondary work supplemented by the professional studies.

In 1912-13 the course was reorganized to require 15 units of secondary work for admission, and two full years of normal work of college grade, reaching a minimum of 64 semester hours, for graduation.

The vocational work has been reorganized and is developing more co-ordination and co-operation.

The teaching force represents the best we have been able to secure with the somewhat limited means at hand, but is a decided improvement in quantity and quality over that of the past.

The grade of students registering is rapidly improving owing to the strict enforcement of entrance requirements and the gradual elimination of those enrolled under less rigid requirements.

To do, as well as to know, is the unequivocal demand of the present era, and Wilberforce, by reason of her early start in equipment for this work, should be in the lead. As was pointed out in the report of two years ago, this institution possesses peculiar advantages for this work, which should place it in the vanguard of the movement.

The combined normal and vocational work with secondary and college courses accessible, should enable us to help supply the demand for competent industrial teachers as well as make more efficient and valuable citizens. To this end every effort is being directed, and in furtherance of this purpose, we earnestly solicit the continued interest and support of the state of Ohio.

Following is information concerning enrollment and classification of students, and statistics covering financial operations for the period covered by this report:

ENROLLMENT.

Teachers' Course.....	55
Normal Preparatory.....	76
Commercial Course.....	53
Specials	38
Practice School.....	18
Vocational Courses.....	42
Summer School.....	61
Industrial Students from other departments.....	87
Total enrollment of C. N. & I. department.....	430
Counted twice because of taking work in more than one department.....	87
Net enrollment.....	343
Number of students taking industries.....	326

June 17, 1915, the following diplomas and certificates were awarded:

Normal Elementary Teachers' Diplomas.....	10
Special Elementary Certificates.....	7
Commercial Diplomas.....	17
Certificates in—	
Cooking	10
Sewing	8
Millinery	7
Blacksmithing	2
Carpentry	3
Printing	3
Shorthand and Typewriting.....	1
Total Diplomas and Certificates.....	51

Financial statement of the C. N. & I. Department at Wilberforce, Ohio, covering the period from November 15, 1914, to June 30, 1915:

CREDITS.

Balance Nov. 15, 1914	\$41,511 27
Appropriated receipts from Nov. 15, 1914, to Feb. 15, 1915	887 40
Appropriation by general assembly, H. B. 314 for the period Feb. 15, to June 30, 1915	46,616 21
June 10, 1915, emergency allowance, Sections 2312 and 2313, General Code of Ohio	250 00
	\$89,264 88

DEBITS.

Personal service—Salaries and wages	\$26,791 74
Maintenance	16,421 00
Equipment	11,785 42
Construction—Permanent improvement	12,095 82
	67,093 98
	\$22,170 90
Less lapsed appropriation which cannot be used	12,766 72
Amount certified to for liabilities June 30, 1915, and subject to draft	\$9,404 18

Statement of the financial condition of the C. N. & I. Department, Wilberforce, Ohio, from inventory and stock-taking July 1, 1915:

ASSETS.

Supplies and material	\$7,250 00
Cash available	135,160 02

Machinery and fixtures	\$66,500 00
Other personal property consisting of live stock, vehicles, etc.....	4,500 00
Total available assets	\$213,410 02

REAL ESTATE.

Land	\$23,500 00
Buildings	401,500 00
Heating conduits, etc.	29,875 00
Total value of real estate	\$454,875 00
Total available assets	\$213,410 02
Total worth in and out of business (according to our figures) ..	\$668,285 02

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